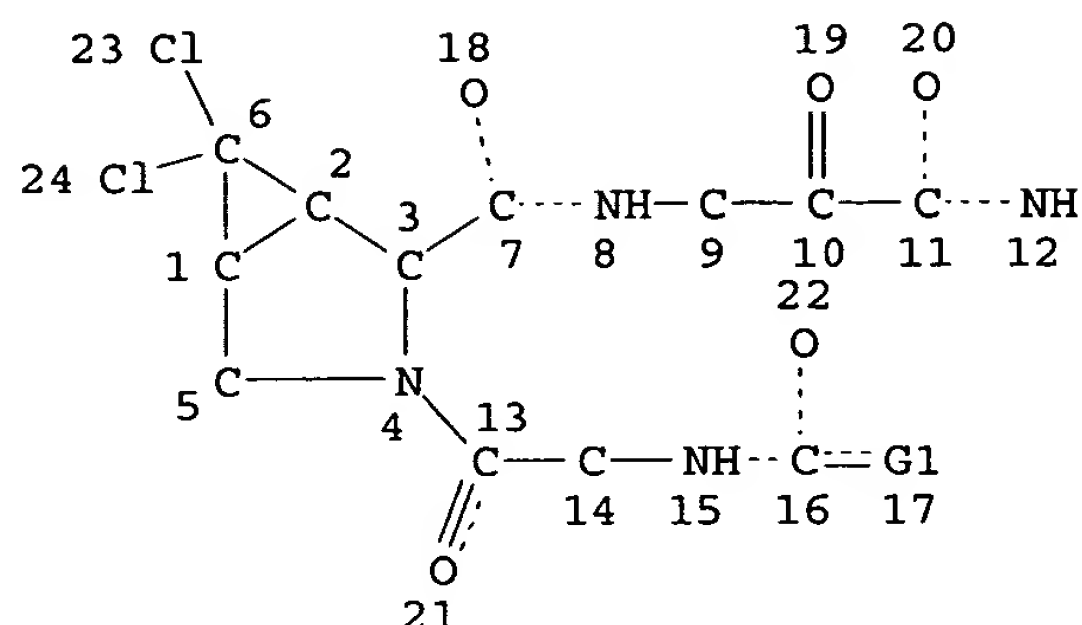


Mondesi
09/908955

=> d 13 que stat;fil hcaplus;s 13
L1 STR



VAR G1=O/NH
NODE ATTRIBUTES:
DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS 24

STEREO ATTRIBUTES: NONE
L3 155 SEA FILE=REGISTRY SSS FUL L1

100.0% PROCESSED 209 ITERATIONS 155 ANSWERS
SEARCH TIME: 00.00.01

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	162.62	162.83

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FILE LAST UPDATED: 8 Mar 2005 (20050308/ED)

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Searched by: Mary Hale 571-272-2507 REM 1D86

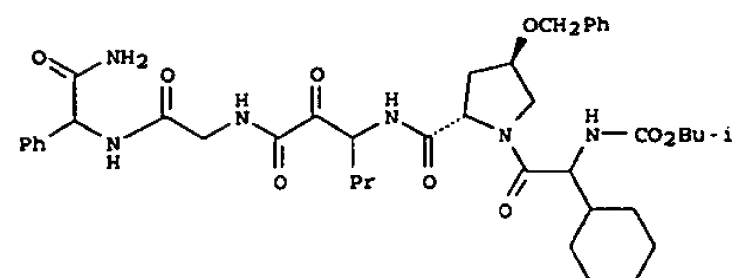
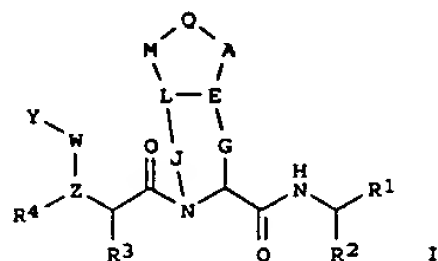
L4

3 L3

=> d 1-3 cbib abs hitstr

L4 ANSWER 1 OF 3 HCAPLUS COPYRIGHT 2005 ACS on STN
 2003:912843 Document No. 139:381756 Preparation of peptides as NS3-serine protease inhibitors of hepatitis C virus. Saksena, Anil K.; Girijavallabhan, Viyyoor Moopil; Lovey, Raymond G.; Jao, Edwin; Bennett, Frank; McCormick, Jinping L.; Wang, Haiyan; Pike, Russell E.; Bogen, Stephane L.; Chan, Tin-Yau; Liu, Yi-tsung; Zhu, Zhaoning; Njoroge, F. George; Arasappan, Ashok; Parekh, Tejal; Ganguly, Ashit K.; Chen, Kevin X.; Venkatraman, Srikanth; Vaccaro, Henry A.; Pinto, Patrick A.; Santhanam, Bama; Kemp, Scott Jeffrey; Levy, Odile Esther; Lim-Wilby, Marguerita; Tamura, Susan Y.; Wu, Wanli; Hendrata, Siska; Huang, Yuhua (USA). U.S. Pat. Appl. Publ. US 2003216325 A1 20031120, 629 pp. (English). CODEN: USXXCO. APPLICATION: US 2001-908955 20010719.

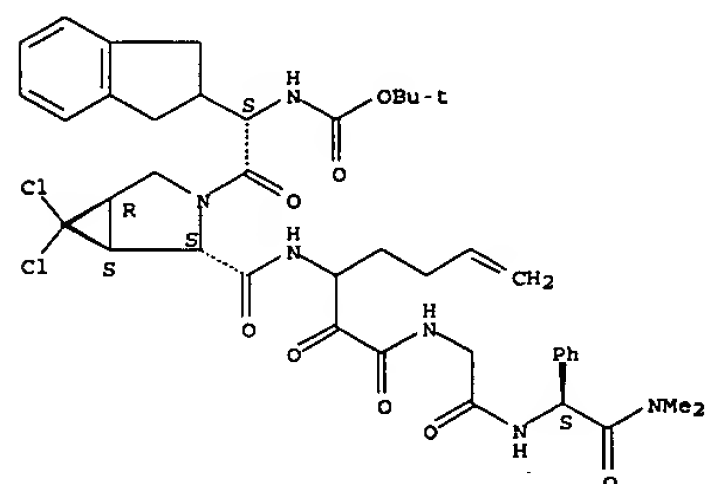
GI



AB The invention discloses novel peptides I [Y is alkyl, alkylaryl, heteroalkyl, heteroaryl, aryl- or alkylheteroaryl, cycloalkyl, alkoxy, alkylaryloxy, aryloxy, heteroaryloxy, heterocycloalkyloxy, cycloalkyloxy, alkylamino, arylamino, alkylarylamino, arylamino, heteroarylamino, cycloalkylamino, or heterocycloalkylamino; R1 is acyl; Z is O, N, CH or CR; R, R2-R4 are H, alkyl, alkenyl, cycloalkyl, heterocycloalkyl, alkoxy, aryloxy, alkylthio, arylthio, amino, amido, ester, carboxylic acid, carbamate, urea, ketone, aldehyde, cyano, nitro, halo, (cycloalkyl)alkyl, or (heterocycloalkyl)alkyl; W, Q, G, J, L, M independently may be present or absent; W is CO, CS, C(N-CN), or SO2; Q is CH, N, P, alkylidene, O, NR, S, or SO2; A is O, CH, alkylidene, NR, S, SO2, or a bond; E is CH, N, alkylidene, or a double bond; G is alkylidene; J is alkylidene, SO2, NH, NR, or O; L is CH, CR, O, S, or NR; M is O, NR, S, SO2, or alkylidene (with provisos)] which have HCV protease inhibitory activity as well as methods for preparing such compds. In another embodiment, the invention discloses pharmaceutical compns. comprising such compds. as well as methods of using them to treat disorders associated with the HCV protease.

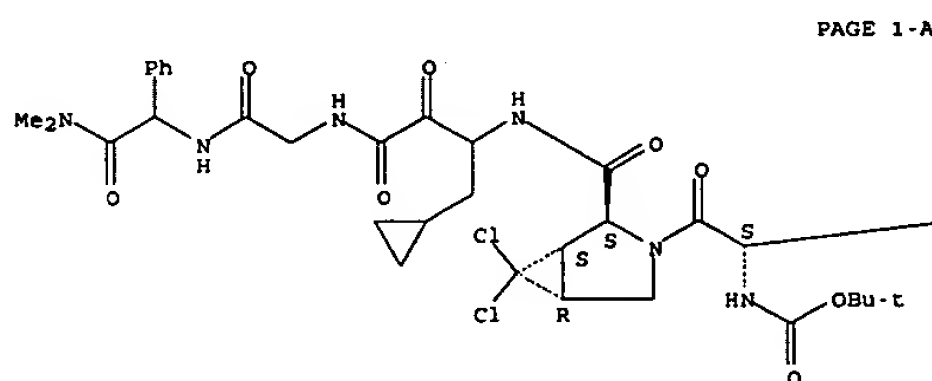
L4 ANSWER 1 OF 3 HCAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 CN Glycinamide, (2S)-2-(2,3-dihydro-1H-inden-2-yl)-N-[(1,1-dimethylethoxy)carbonyl]glycyl-(1S,2S,5R)-6,6-dichloro-3-azabicyclo[3.1.0]hexane-2-carboxyl-3-amino-2-oxo-6-heptenoylglycyl-N,N-dimethyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 394729-04-5 HCAPLUS
 CN Glycinamide, (2S)-2-(2,3-dihydro-1H-inden-2-yl)-N-[(1,1-dimethylethoxy)carbonyl]glycyl-(1S,2S,5R)-6,6-dichloro-3-azabicyclo[3.1.0]hexane-2-carboxyl-β-amino-α-oxocyclopropanebutanoylglycyl-N,N-dimethyl-2-phenyl-, (9CI) (CA INDEX NAME)

Absolute stereochemistry.



PAGE 1-A

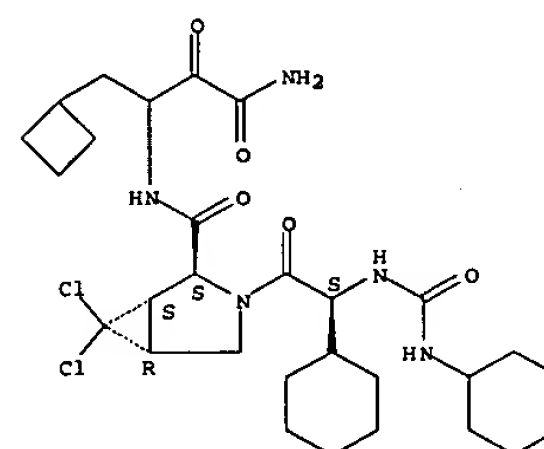
L4 ANSWER 1 OF 3 HCAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 Thus, peptide II was prepd. by the solid-phase method and showed Ki = 1-100 nM (category A) in the HCV continuous assay.
 IT 394724-48-2P 394728-98-4P 394729-04-5P
 394729-13-6P 394729-16-9P 394729-18-1P
 394729-19-2P 394729-22-7P 394729-23-8P
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 394729-47-6P 394729-50-1P 394729-51-2P
 394729-52-3P 394729-58-9P 394729-65-8P
 394729-67-0P 394729-82-9P 394729-83-0P
 394729-87-4P 394729-89-6P 394730-38-2P
 394730-39-3P 394730-40-6P 394730-41-7P
 394730-42-8P 394730-45-1P 394730-46-2P
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 394730-54-2P 394730-55-3P 394730-61-1P
 394730-62-2P 394730-63-3P 394730-66-6P
 395645-10-0P 395645-14-4P 395645-88-2P
 395646-26-1P 395647-37-7P 395647-42-4P
 395647-44-6P 395647-45-7P 395647-46-8P
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 395650-31-4P 395650-32-5P 395650-47-2P
 395650-49-4P 395650-51-8P 395660-85-2P
 RL: IMP (Industrial manufacture); PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(Preparation of peptides as NS3-serine protease inhibitors of hepatitis C virus)

RN 394724-48-2 HCAPLUS

CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide, N-(3-amino-1-(cyclobutylmethyl)-2,3-dioxopropyl)-6,6-dichloro-3-((2S)-cyclohexyl[(cyclohexylamino)carbonyl]amino)acetyl-, (1S,2S,5R)- (9CI) (CA INDEX NAME)

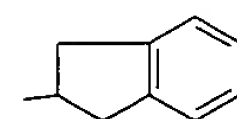
Absolute stereochemistry.



RN 394728-98-4 HCAPLUS

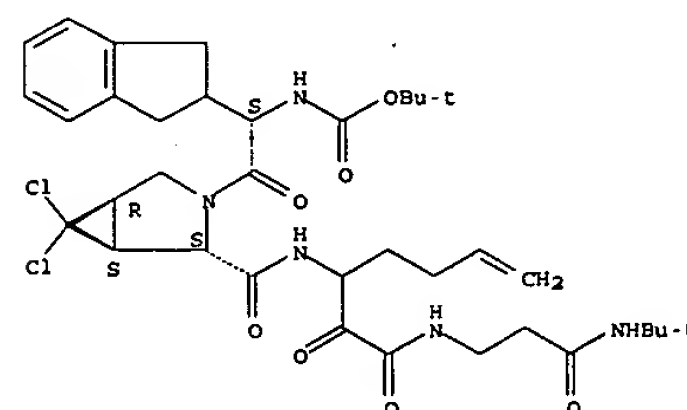
L4 ANSWER 1 OF 3 HCAPLUS COPYRIGHT 2005 ACS on STN (Continued)

PAGE 1-B



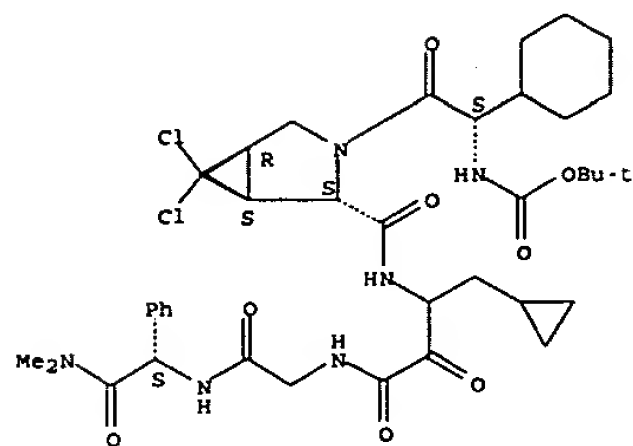
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 CN β-Alaninamide, (2S)-2-(2,3-dihydro-1H-inden-2-yl)-N-[(1,1-dimethylethoxy)carbonyl]glycyl-(1S,2S,5R)-6,6-dichloro-3-azabicyclo[3.1.0]hexane-2-carboxyl-3-amino-2-oxo-6-heptenoyl-N-(1,1-dimethylethyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



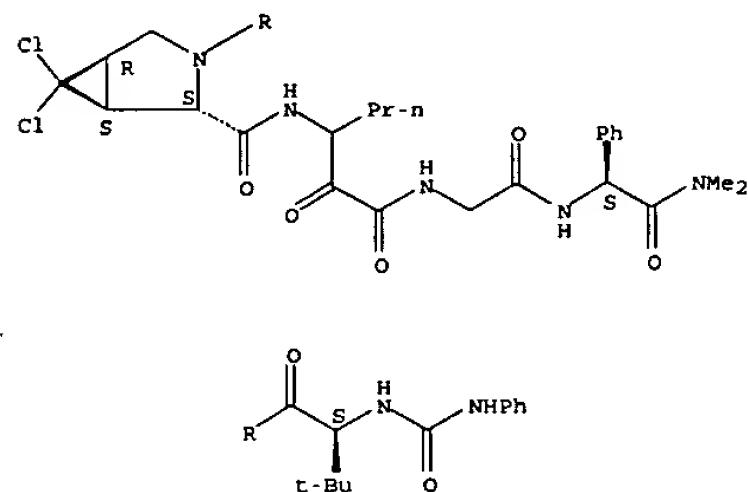
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 CN Glycinamide, (2S)-2-cyclohexyl-N-[(1,1-dimethylethoxy)carbonyl]glycyl-(1S,2S,5R)-6,6-dichloro-3-azabicyclo[3.1.0]hexane-2-carboxyl-β-amino-α-oxocyclopropanebutanoylglycyl-N,N-dimethyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



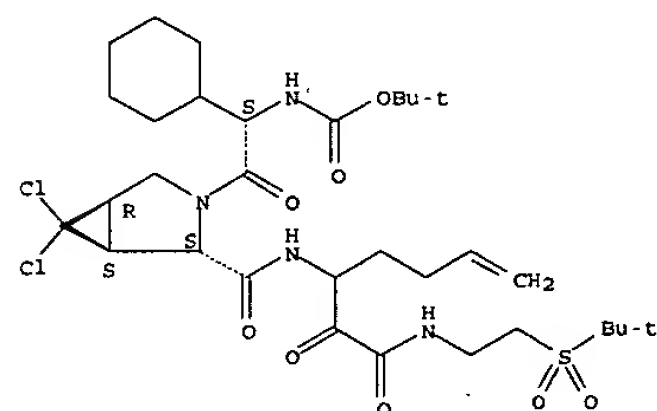
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CN Glycinamide, 3-methyl-N-[(phenylamino)carbonyl]-L-valyl-(1S,2S,5R)-6,6-dichloro-3-azabicyclo[3.1.0]hexane-2-carbonyl-3-amino-2-oxohexanoylglycyl-N,N-dimethyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



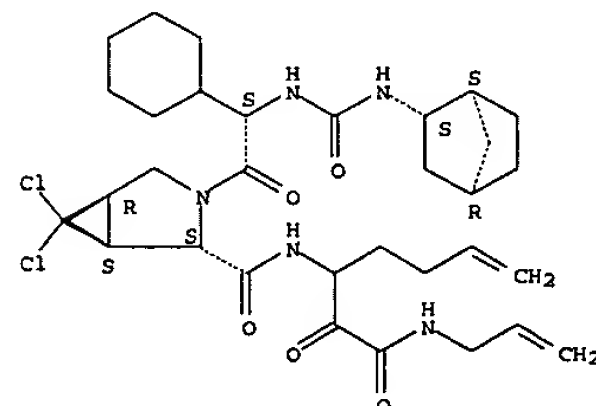
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CN beta-Alanine, N-[[[(1,1-dimethylethyl)amino]carbonyl]-3-methyl-L-valyl-(1S,2S,5R)-6,6-dichloro-3-azabicyclo[3.1.0]hexane-2-carbonyl-3-amino-2-oxo-6-heptenyl-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



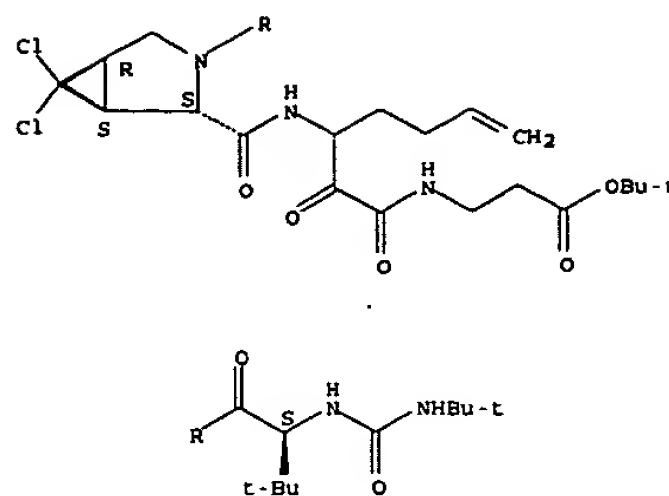
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CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide, 3-[(2S)-[[[(1S,2S,4R)-bicyclo[2.2.1]hept-2-ylamino]carbonyl]amino]cyclohexylacetyl]-6,6-dichloro-N-[1-[oxo(2-propenylamino)acetyl]-4-pentenyl]-, (1S,2S,5R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



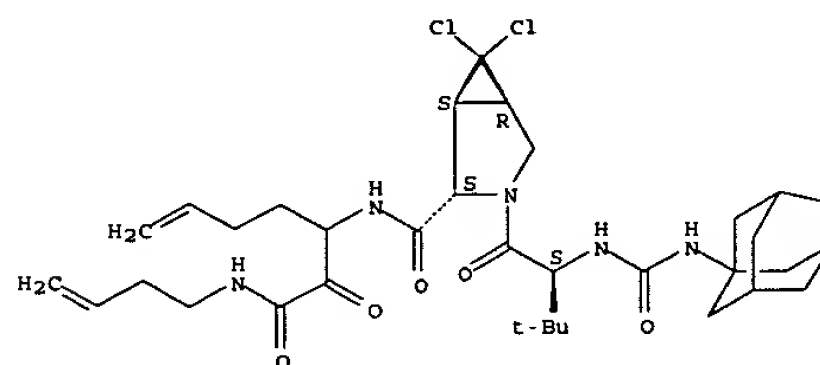
RN 394729-31-8 HCAPLUS
CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide, 6,6-dichloro-3-[(2S)-2-[[[(1,1-dimethylethyl)amino]carbonyl]amino]-3,3-dimethyl-1-oxobutyl]-N-[1-[[[3-(1-methylcyclopentyl)-3-oxopropyl]amino]oxoacetyl]-4-pentenyl]-, (1S,2S,5R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



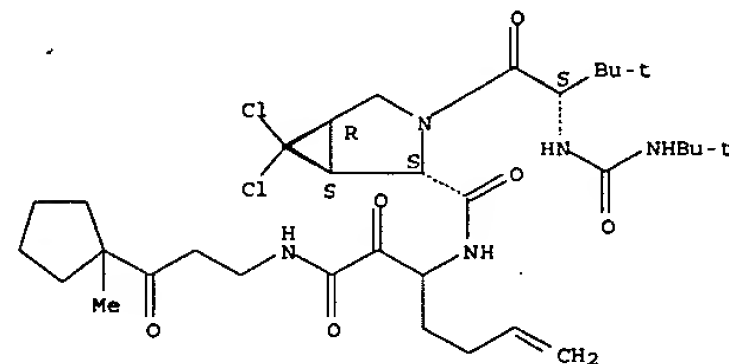
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CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide, N-[1-[(3-butenylamino)oxoacetyl]-4-pentenyl]-6,6-dichloro-3-[(2S)-3,3-dimethyl-1-oxo-2-[[[tricyclo[3.3.1.1.3,7]dec-1-ylamino]carbonyl]amino]butyl]-, (1S,2S,5R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



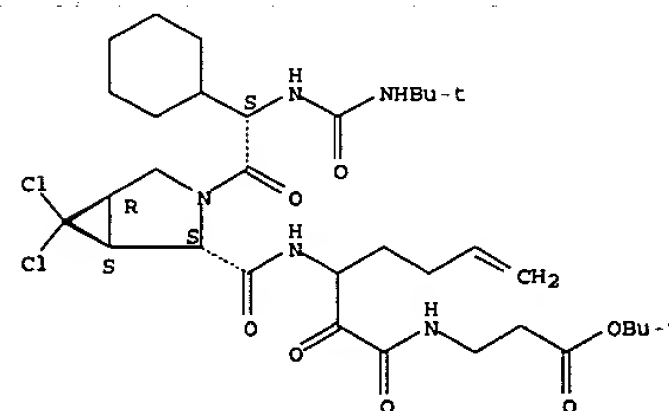
RN 394729-23-8 HCAPLUS
CN Carbamic acid, [(1S)-1-cyclohexyl-2-[(1S,2S,5R)-6,6-dichloro-2-[[[1-[[[2-[(1,1-dimethylethyl)sulfonyl]ethyl]amino]oxoacetyl]-4-pentenyl]amino]carbonyl]-3-azabicyclo[3.1.0]hex-3-yl]-2-oxoethyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



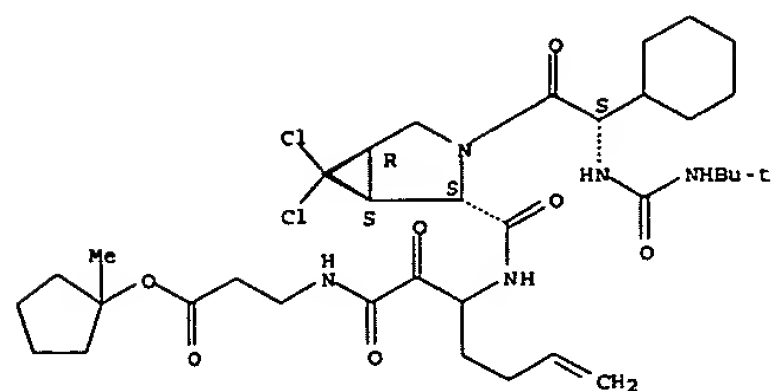
RN 394729-32-9 HCAPLUS
CN beta-Alanine, (2S)-2-cyclohexyl-N-[[[(1,1-dimethylethyl)amino]carbonyl]glycyl-(1S,2S,5R)-6,6-dichloro-3-azabicyclo[3.1.0]hexane-2-carbonyl-3-amino-2-oxo-6-heptenyl-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



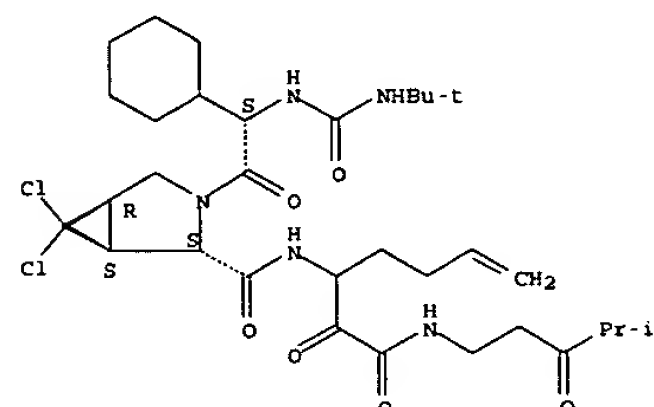
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Absolute stereochemistry.



RN 394729-34-1 HCAPLUS
CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide, 6,6-dichloro-3-[(2S)-cyclohexyl[[[(1,1-dimethylethyl)amino]carbonyl]amino]acetyl]-N-[1-[(4-methyl-3-oxopentyl)amino]oxoacetyl]-4-pentenyl]-, (1S,2S,5R)- (9CI) (CA INDEX NAME)

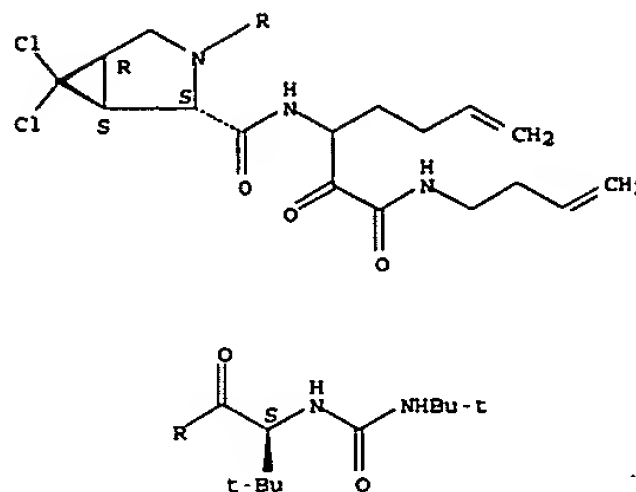
Absolute stereochemistry.



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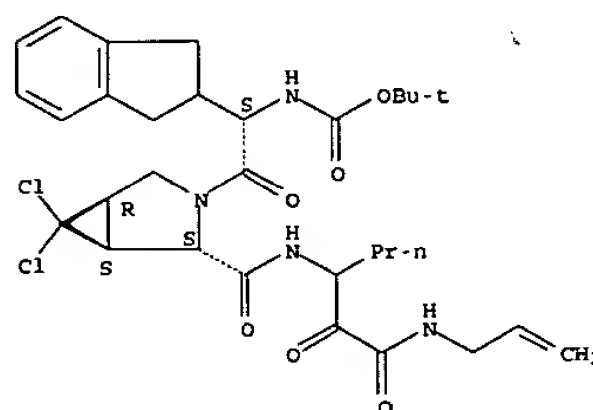
4-pentenyl]-6,6-dichloro-3-[(2S)-2-[[[(1,1-dimethylethyl)amino]carbonyl]amino]-3,3-dimethyl-1-oxobutyl]-, (1S,2S,5R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



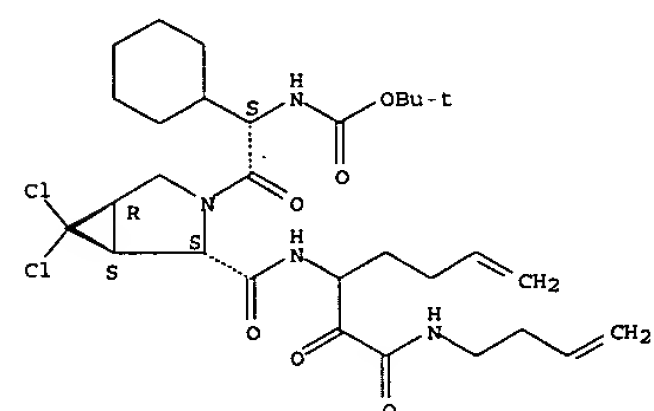
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CN Carbamic acid, [(1S)-2-[(1S,2S,5R)-6,6-dichloro-2-[[[1-oxo(2-propenylamino)acetyl]butyl]amino]carbonyl]-3-azabicyclo[3.1.0]hex-3-yl]-1-(2,3-dihydro-1H-inden-2-yl)-2-oxoethyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



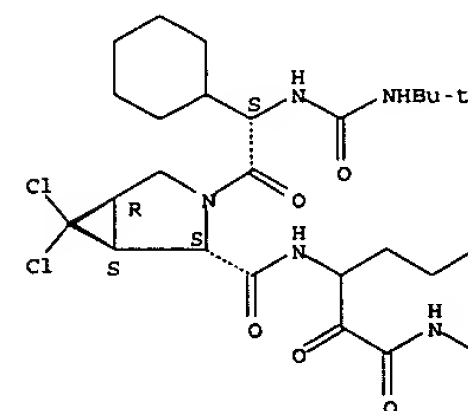
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CN Carbamic acid, [(1S)-2-[(1S,2S,5R)-2-[[[1-[(3-butenylamino)oxoacetyl]-4-pentenyl]amino]carbonyl]-6,6-dichloro-3-azabicyclo[3.1.0]hex-3-yl]-1-cyclohexyl-2-oxoethyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



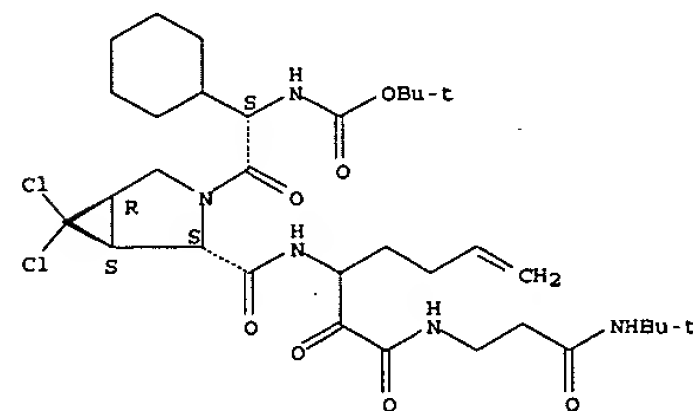
RN 394729-46-5 HCAPLUS
CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide, 6,6-dichloro-3-[(2S)-cyclohexyl[[[(1,1-dimethylethyl)amino]carbonyl]amino]acetyl]-N-[1-oxo(2-propenylamino)acetyl]-4-pentenyl]-, (1S,2S,5R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



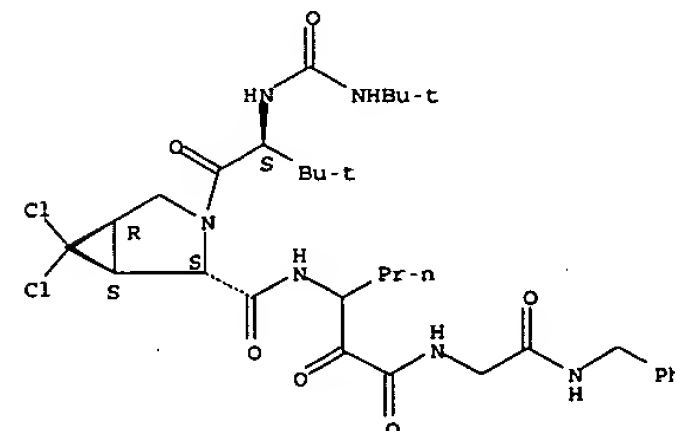
RN 394729-47-6 HCAPLUS
CN β-Alaninamide, (2S)-2-cyclohexyl-N-[(1,1-dimethylethoxy)carbonyl]glycyl- (1S,2S,5R)-6,6-dichloro-3-azabicyclo[3.1.0]hexane-2-carbonyl-3-amino-2-oxo-6-heptenyl-N-(1,1-dimethylethyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



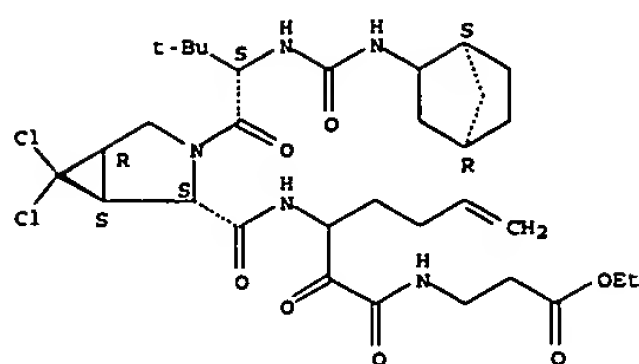
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CN Glycinamide, N-[(1S)-2-[(1S,2S,5R)-6,6-dichloro-3-azabicyclo[3.1.0]hexane-2-carbonyl-3-amino-2-oxohexanoyl-N-(phenylmethyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



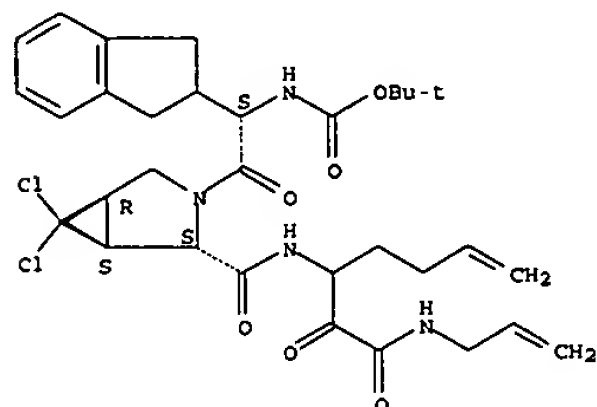
RN 394729-51-2 HCAPLUS
CN β-Alanine, N-[(1S,4R)-bicyclo[2.2.1]hept-2-ylamino]carbonyl]-3-methyl-L-valyl- (1S,2S,5R)-6,6-dichloro-3-azabicyclo[3.1.0]hexane-2-carbonyl-3-amino-2-oxo-6-heptenyl-, ethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



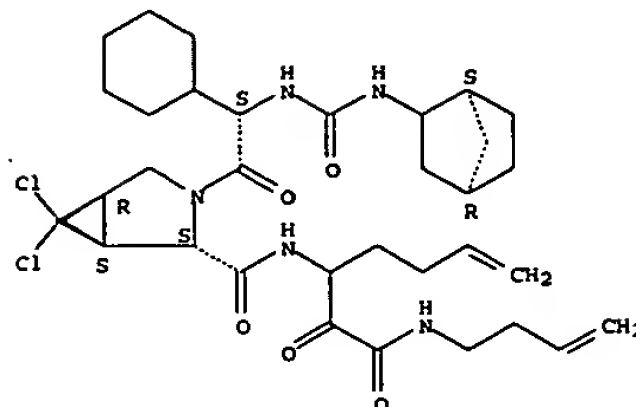
RN 394729-52-3 HCAPLUS
 CN Carbamic acid, [(1S)-2-[(1S,2S,5R)-6,6-dichloro-2-[[[1-(oxo(2-propenylamino)acetyl]-4-pentenyl]amino]carbonyl]-3-azabicyclo[3.1.0]hex-3-yl]-1-(2,3-dihydro-1H-inden-2-yl)-2-oxoethyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



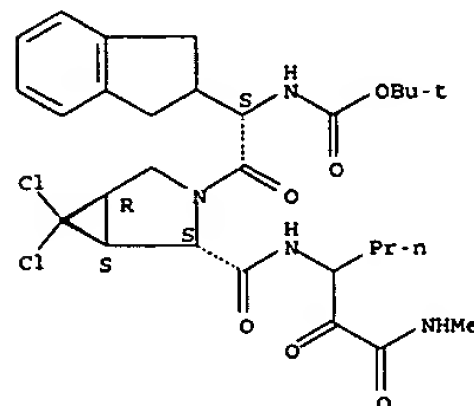
RN 394729-58-9 HCAPLUS
 CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide, 3-[(2S)-[[[(1S,4R)-bicyclo[2.2.1]hept-2-ylamino]carbonyl]amino]cyclohexylacetyl]-N-[1-[(3-butenylamino)oxoacetyl]-4-pentenyl]-6,6-dichloro-, (1S,2S,5R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



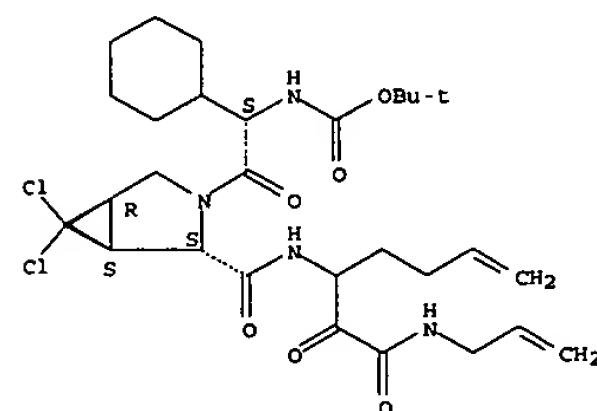
RN 394729-65-8 HCAPLUS
 CN Carbamic acid, [(1S)-2-[(1S,2S,5R)-6,6-dichloro-2-[[[1-[(methylamino)oxoacetyl]butyl]amino]carbonyl]-3-azabicyclo[3.1.0]hex-3-yl]-1-(2,3-dihydro-1H-inden-2-yl)-2-oxoethyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



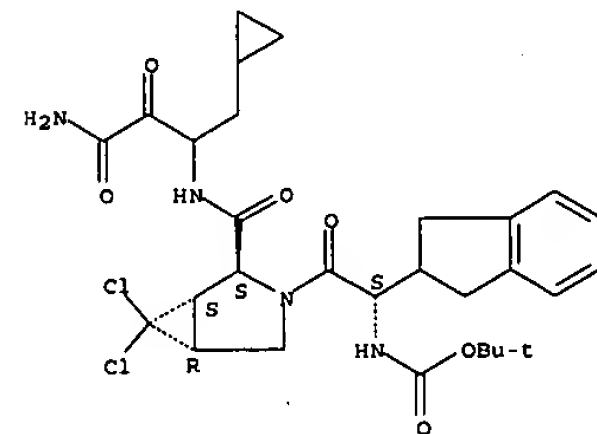
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Absolute stereochemistry.



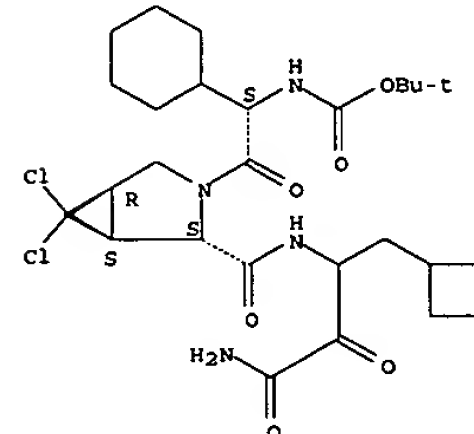
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Absolute stereochemistry.



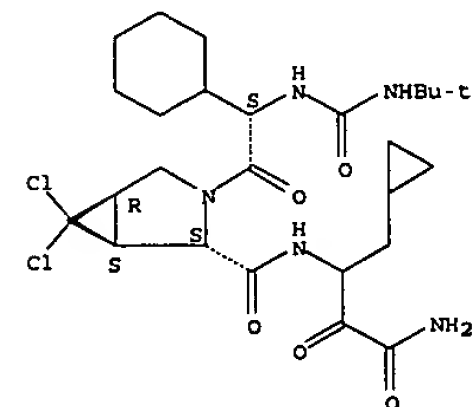
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 CN Carbamic acid, [(1S)-2-[(1S,2S,5R)-2-[[[3-amino-1-(cyclobutylmethyl)-2,3-dioxopropyl]amino]carbonyl]-6,6-dichloro-3-azabicyclo[3.1.0]hex-3-yl]-1-(2,3-dihydro-1H-inden-2-yl)-2-oxoethyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



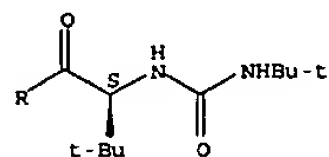
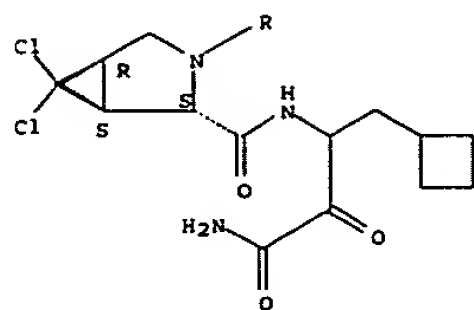
RN 394729-87-4 HCAPLUS
 CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide, N-[3-amino-1-(cyclopropylmethyl)-2,3-dioxopropyl]-6,6-dichloro-3-[(2S)-cyclohexyl[[[(1,1-dimethylethyl)amino]carbonyl]amino]acetyl]-, (1S,2S,5R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 394729-89-6 HCAPLUS
 CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide, N-[3-amino-1-(cyclobutylmethyl)-2,3-dioxopropyl]-6,6-dichloro-3-[(2S)-2-[[[1,1-dimethylethyl]amino]carbonyl]amino]-3,3-dimethyl-1-oxobutyl]-, (1S,2S,5R)- (9CI) (CA INDEX NAME)

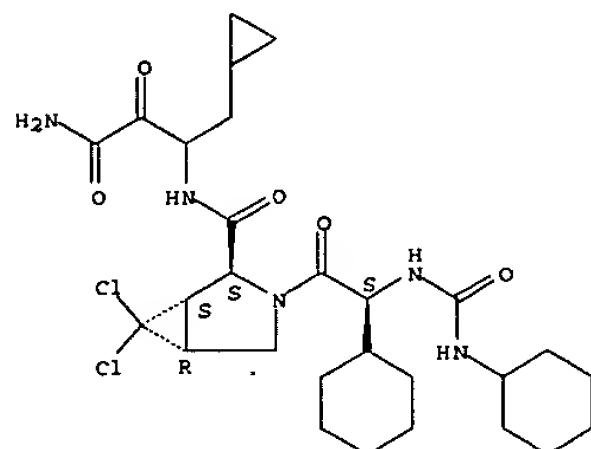
Absolute stereochemistry.



RN 394730-38-2 HCAPLUS
CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide,
N-[3-amino-1-(cyclopropylmethyl)-

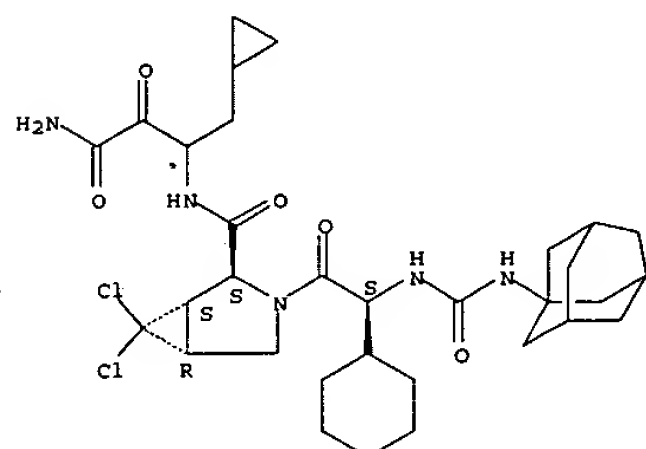
2,3-dioxopropyl]-6,6-dichloro-3-[(2S)-cyclohexyl[(cyclohexylamino)carbonyl]amino]acetyl]-, (1S,2S,5R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



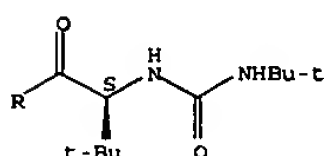
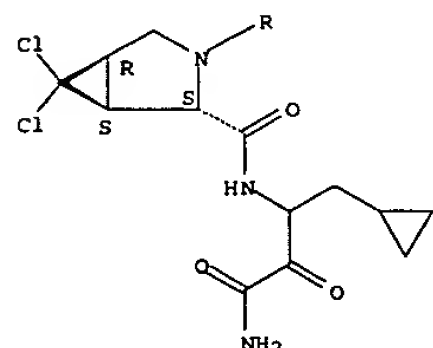
RN 394730-39-3 HCAPLUS
CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide, N-[1-(aminooxoacetyl)butyl]-6,6-dichloro-3-[(2S)-cyclohexyl[[[(1,1-dimethylethyl)amino]carbonyl]amino]acetyl]-, (1S,2S,5R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



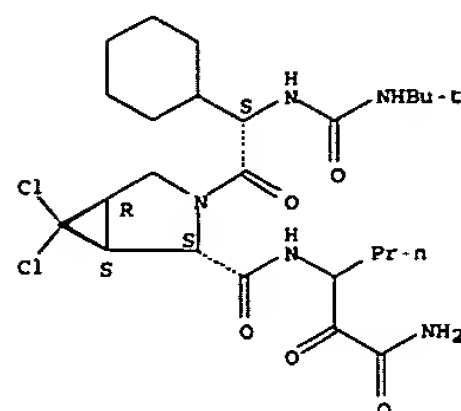
RN 394730-42-8 HCAPLUS
CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide,
N-[3-amino-1-(cyclopropylmethyl)-2,3-dioxopropyl]-6,6-dichloro-3-[(2S)-2-[[[(1,1-dimethylethyl)amino]carbonyl]amino]-3,3-dimethyl-1-oxobutyl]-, (1S,2S,5R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



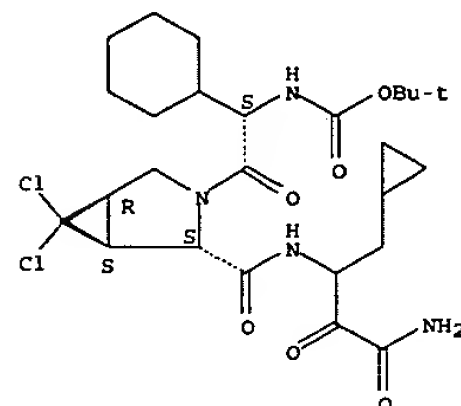
RN 394730-45-1 HCAPLUS
CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide, N-[3-amino-1-(cyclobutylmethyl)-2,3-dioxopropyl]-6,6-dichloro-3-[(2S)-2-[[[(cyclohexylamino)carbonyl]amino]-

Searched by: Mary Hale 571-272-2507 REM 1D86



RN 394730-40-6 HCAPLUS
CN Carbamic acid,
[(1S)-2-[(1S,2S,5R)-2-[[[3-amino-1-(cyclopropylmethyl)-2,3-dioxopropyl]amino]carbonyl]-6,6-dichloro-3-azabicyclo[3.1.0]hex-3-yl]-1-cyclohexyl-2-oxoethyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



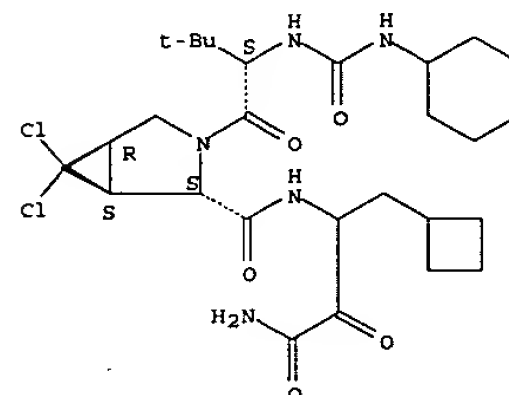
RN 394730-41-7 HCAPLUS
CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide,
N-[3-amino-1-(cyclopropylmethyl)-

2,3-dioxopropyl]-6,6-dichloro-3-[(2S)-cyclohexyl[[[tricyclo[3.3.1.1.3,7]dec-1-ylamino]carbonyl]amino]acetyl]-, (1S,2S,5R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

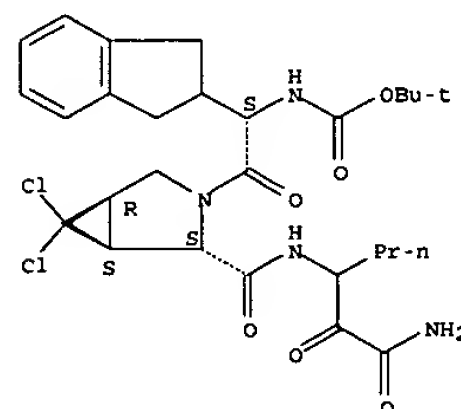
3,3-dimethyl-1-oxobutyl]-, (1S,2S,5R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



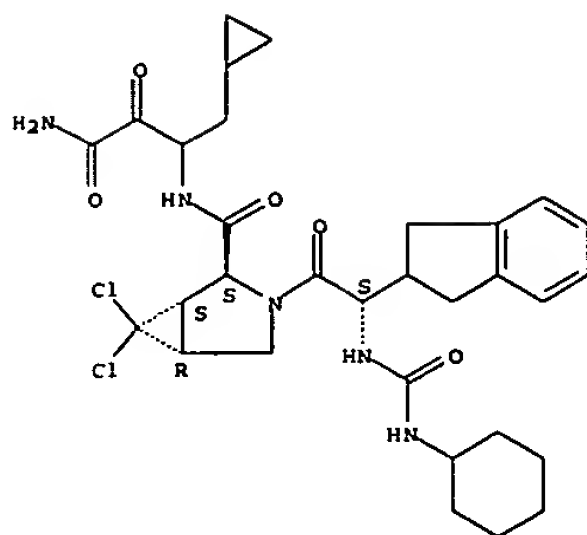
RN 394730-46-2 HCAPLUS
CN Carbamic acid,
[(1S)-2-[(1S,2S,5R)-2-[[[1-(aminooxoacetyl)butyl]amino]carbonyl]-6,6-dichloro-3-azabicyclo[3.1.0]hex-3-yl]-1-(2,3-dihydro-1H-inden-2-yl)-2-oxoethyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 394730-48-4 HCAPLUS
CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide,
N-[3-amino-1-(cyclopropylmethyl)-2,3-dioxopropyl]-6,6-dichloro-3-[(2S)-[[[(cyclohexylamino)carbonyl]amino] (2,3-dihydro-1H-inden-2-yl)acetyl]-, (1S,2S,5R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



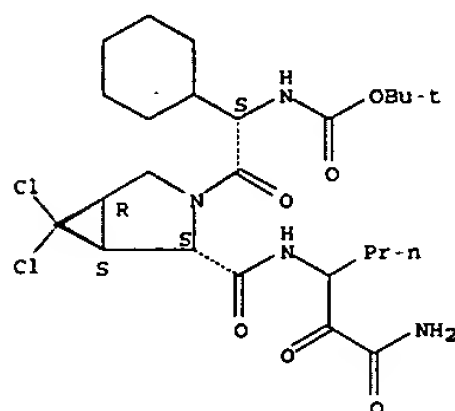
RN 394730-49-5 HCAPLUS

CN Carbamic acid,

[(1S)-2-[[[(1S,2S,5R)-2-[[[1-(aminooxoacetyl)butyl]amino]carbonyl]-1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

onyl]-6,6-dichloro-3-azabicyclo[3.1.0]hex-3-yl]-1-cyclohexyl-2-oxoethyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

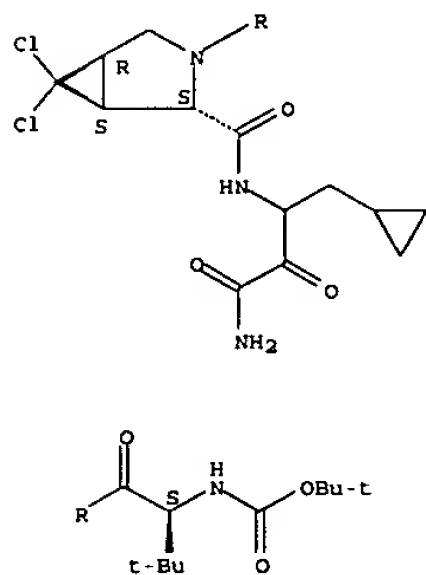
Absolute stereochemistry.



RN 394730-53-1 HCAPLUS

CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide, N-[1-(aminooxoacetyl)butyl]-6,6-dichloro-3-[(2S)-2-[[[1-(aminooxoacetyl)butyl]amino]carbonyl]-1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

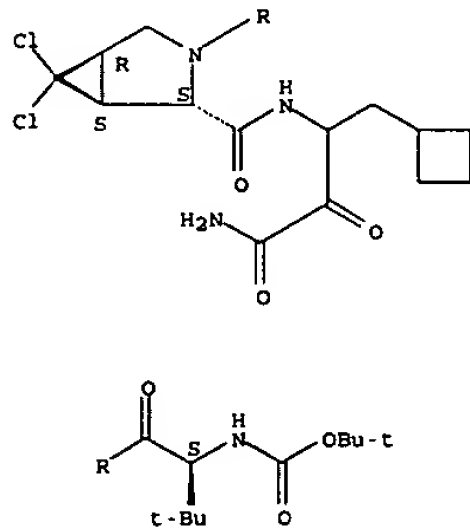


RN 394730-61-1 HCAPLUS

CN Carbamic acid,

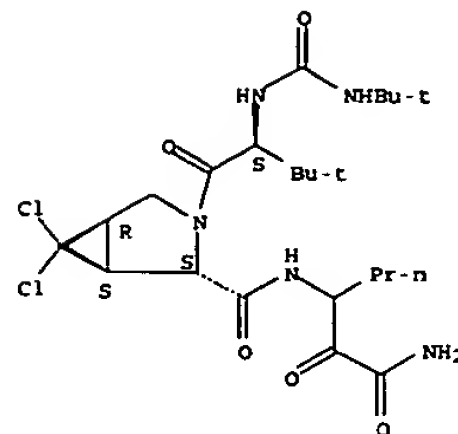
[(1S)-1-[[[(1S,2S,5R)-2-[[[3-amino-1-(cyclobutylmethyl)-2,3-dioxopropyl]amino]carbonyl]-6,6-dichloro-3-azabicyclo[3.1.0]hex-3-yl]carbonyl]-2,2-dimethylpropyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 394730-62-2 HCAPLUS

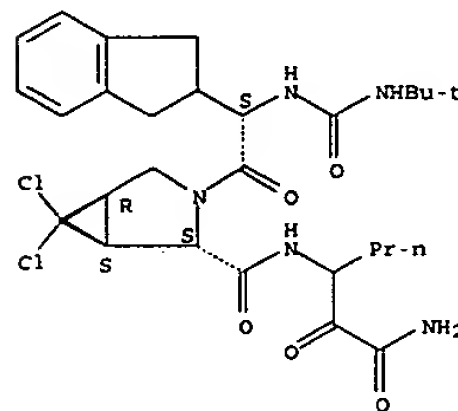
CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide, N-[3-amino-1-(cyclobutylmethyl)-2,3-dioxopropyl]-6,6-dichloro-3-[(2S)-cyclohexyl](((1,2,2-



RN 394730-54-2 HCAPLUS

CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide, N-[1-(aminooxoacetyl)butyl]-6,6-dichloro-3-[(2S)-2-[[[1-(aminooxoacetyl)butyl]amino]carbonyl]-1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



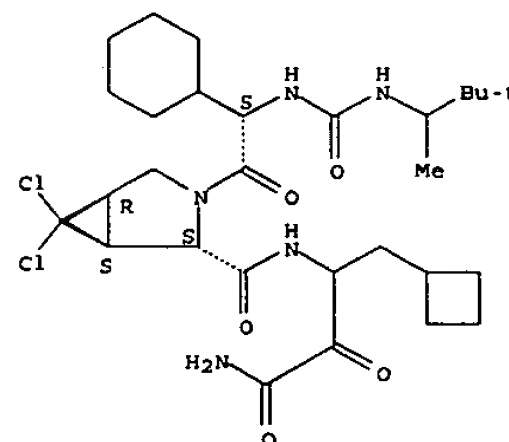
RN 394730-55-3 HCAPLUS

CN Carbamic acid,

[(1S)-1-[[[(1S,2S,5R)-2-[[[3-amino-1-(cyclopropylmethyl)-2,3-dioxopropyl]amino]carbonyl]-6,6-dichloro-3-azabicyclo[3.1.0]hex-3-yl]carbonyl]-2,2-dimethylpropyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

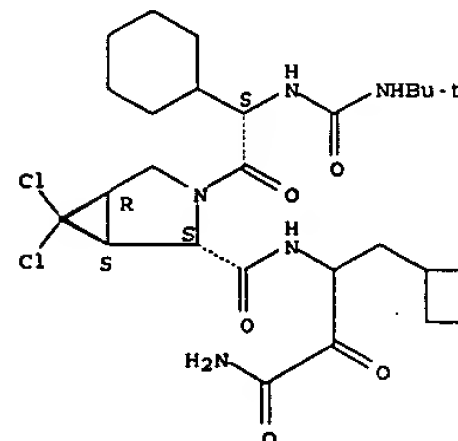
Absolute stereochemistry.



RN 394730-63-3 HCAPLUS

CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide, N-[3-amino-1-(cyclobutylmethyl)-2,3-dioxopropyl]-6,6-dichloro-3-[(2S)-cyclohexyl](((1,1-dimethylethyl)amino]carbonyl]amino]acetyl]-, (1S,2S,5R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

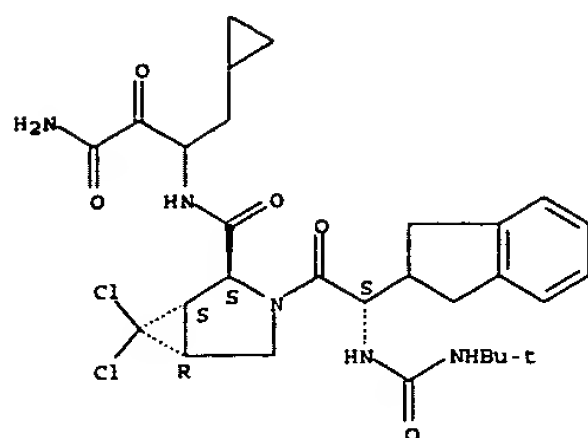


RN 394730-66-6 HCAPLUS

CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide,

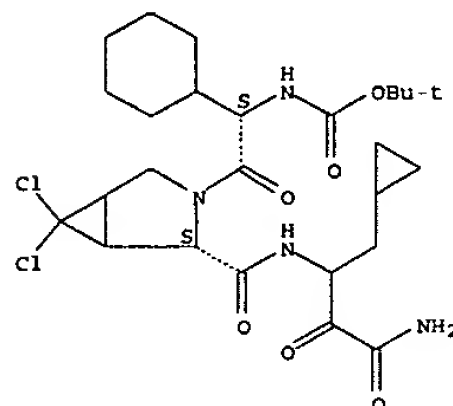
N-[3-amino-1-(cyclopropylmethyl)-2,3-dioxopropyl]-6,6-dichloro-3-[(2S)-2-[[[1-(aminooxoacetyl)butyl]amino]carbonyl]-1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



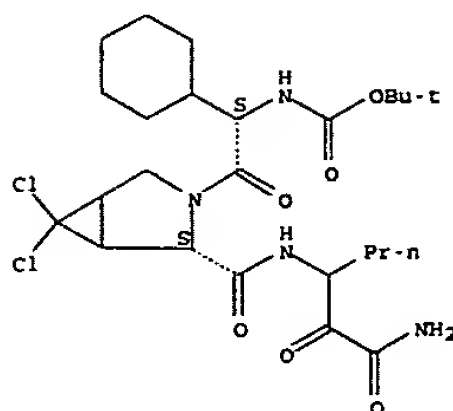
RN 395645-10-0 HCAPLUS
 CN Carbamic acid, [(1S)-2-[(2S)-2-[[[3-amino-1-(cyclopropylmethyl)-2,3-dioxopropyl]amino]carbonyl]-6,6-dichloro-3-azabicyclo[3.1.0]hex-3-yl]-1-cyclohexyl-2-oxoethyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



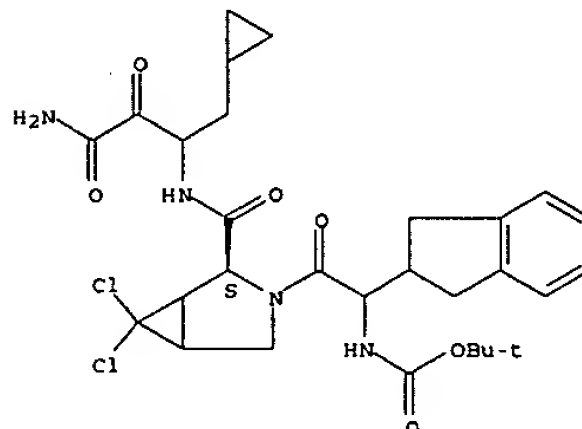
RN 395645-14-4 HCAPLUS
 CN Carbamic acid, [(1S)-2-[(2S)-2-[[[1-(aminooxoacetyl)butyl]amino]carbonyl]-6,6-dichloro-3-azabicyclo[3.1.0]hex-3-yl]-1-cyclohexyl-2-oxoethyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



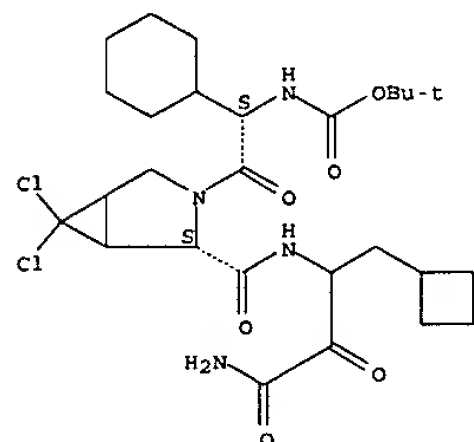
RN 395645-88-2 HCAPLUS
 CN Carbamic acid, [2-[(2S)-2-[[[3-amino-1-(cyclopropylmethyl)-2,3-dioxopropyl]amino]carbonyl]-6,6-dichloro-3-azabicyclo[3.1.0]hex-3-yl]-1-(2,3-dihydro-1H-inden-2-yl)-2-oxoethyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



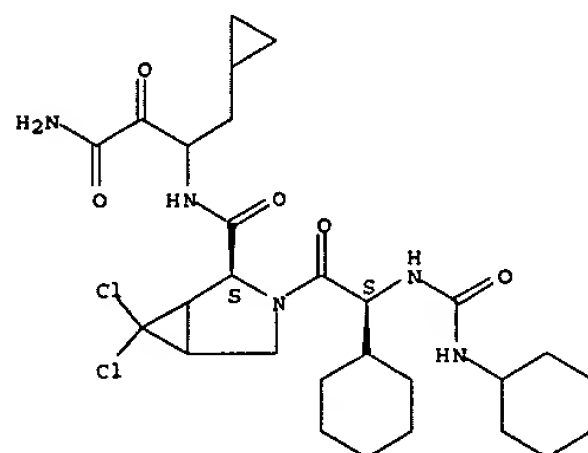
RN 395646-26-1 HCAPLUS
 CN Carbamic acid, [(1S)-2-[(2S)-2-[[[3-amino-1-(cyclobutylmethyl)-2,3-dioxopropyl]amino]carbonyl]-6,6-dichloro-3-azabicyclo[3.1.0]hex-3-yl]-1-cyclohexyl-2-oxoethyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



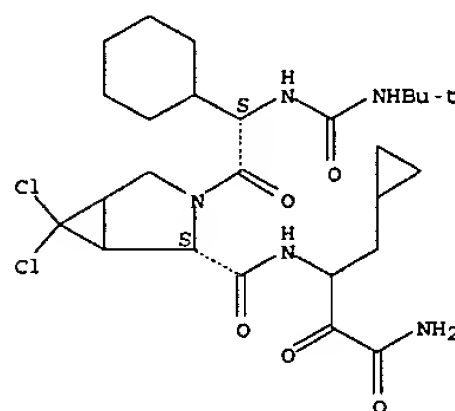
RN 395647-37-7 HCAPLUS
 CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide, N-[3-amino-1-(cyclopropylmethyl)-2,3-dioxopropyl]-6,6-dichloro-3-[(2S)-cyclohexyl[[[(cyclohexylamino)carbonyl]amino]acetyl]-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



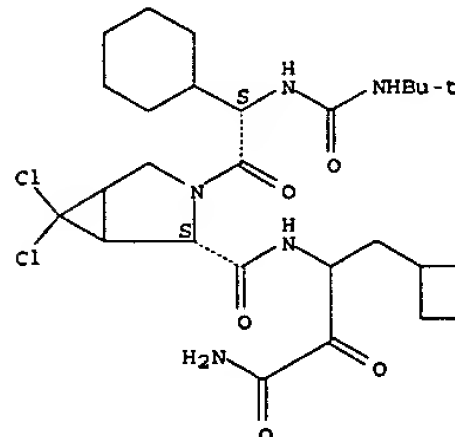
RN 395647-42-4 HCAPLUS
 CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide, N-[3-amino-1-(cyclopropylmethyl)-2,3-dioxopropyl]-6,6-dichloro-3-[(2S)-cyclohexyl[[[(1,1-dimethylethyl)amino]carbonyl]amino]acetyl]-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



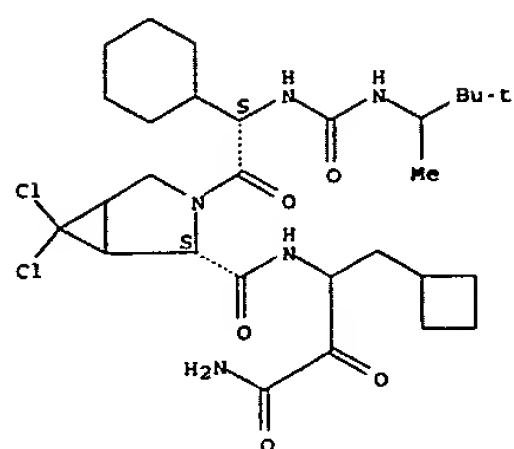
RN 395647-44-6 HCAPLUS
 CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide, N-[3-amino-1-(cyclobutylmethyl)-2,3-dioxopropyl]-6,6-dichloro-3-[(2S)-cyclohexyl[[[(1,1-dimethylethyl)amino]carbonyl]amino]acetyl]-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



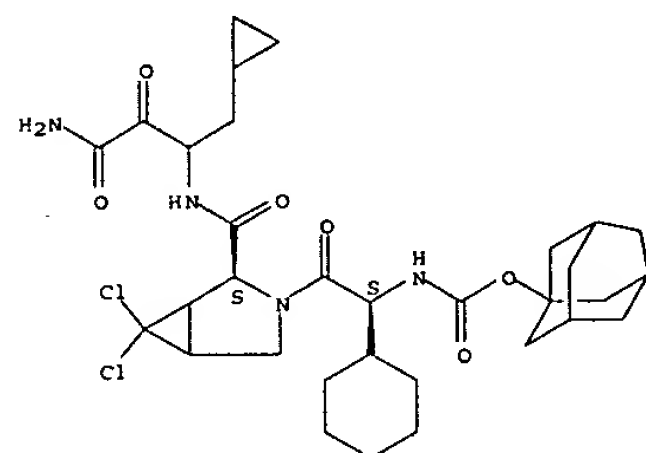
RN 395647-45-7 HCAPLUS
 CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide, N-[3-amino-1-(cyclobutylmethyl)-2,3-dioxopropyl]-6,6-dichloro-3-[(2S)-cyclohexyl[[[(1,2,2-trimethylpropyl)amino]carbonyl]amino]acetyl]-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



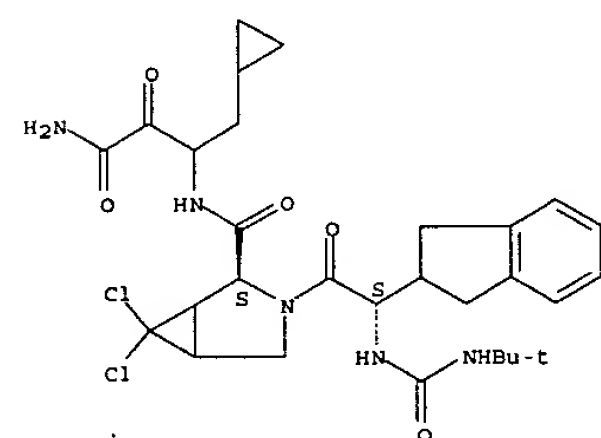
RN 395647-46-8 HCAPLUS
 CN Carbamic acid, [(1S)-2-[(2S)-2-[[[3-amino-1-(cyclopropylmethyl)-2,3-dioxopropyl]amino]carbonyl]-6,6-dichloro-3-azabicyclo[3.1.0]hex-3-yl]-1-cyclohexyl-2-oxoethyl]-, tricyclo[3.3.1.1^{3,7}]dec-1-yl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



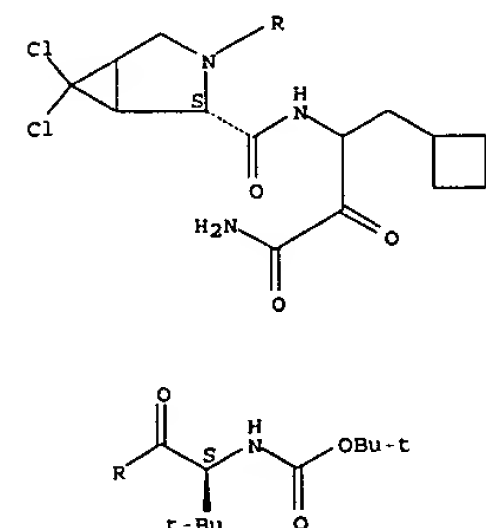
RN 395647-69-5 HCAPLUS
 CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide, N-[1-(aminooxoacetyl)butyl]-6,6-dichloro-3-[(2S)-cyclohexyl[[[(1,1-dimethylethyl)amino]carbonyl]amino]acetyl]-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



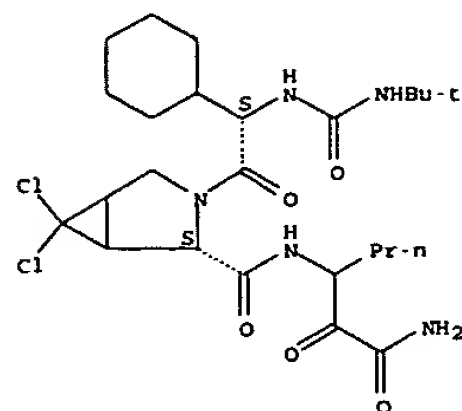
RN 395648-09-6 HCAPLUS
 CN Carbamic acid, [(1S)-1-[(2S)-2-[[[3-amino-1-(cyclobutylmethyl)-2,3-dioxopropyl]amino]carbonyl]-6,6-dichloro-3-azabicyclo[3.1.0]hex-3-yl]carbonyl]-2,2-dimethylpropyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 395648-50-7 HCAPLUS
 CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide, N-[3-amino-1-(cyclobutylmethyl)-2,3-dioxopropyl]-6,6-dichloro-3-[(2S)-2-[[[(1,1-dimethylethyl)amino]carbonyl]amino]-3,3-dimethyl-1-oxobutyl]-, (2S)- (9CI) (CA INDEX NAME)

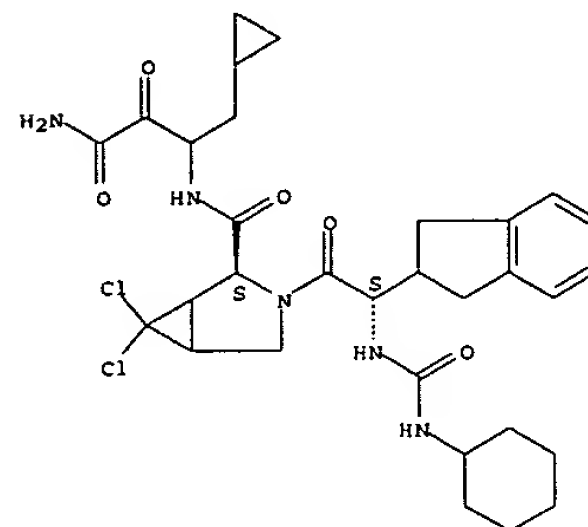
Absolute stereochemistry.



RN 395647-71-9 HCAPLUS
 CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide, N-[3-amino-1-(cyclopropylmethyl)-

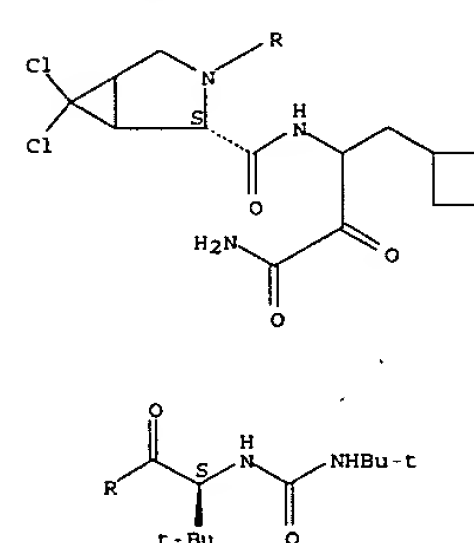
2,3-dioxopropyl]-6,6-dichloro-3-[(2S)-[[[cyclohexylamino]carbonyl]amino]2,3-dihydro-1H-inden-2-yl]acetyl]-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



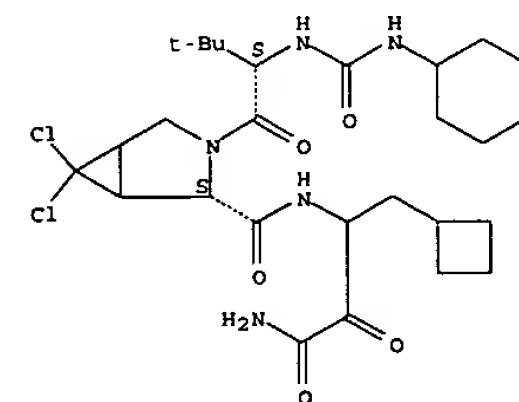
RN 395647-75-3 HCAPLUS
 CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide, N-[3-amino-1-(cyclopropylmethyl)-2,3-dioxopropyl]-6,6-dichloro-3-[(2S)-2-[(2,3-dihydro-1H-inden-2-yl)[[(1,1-dimethylethyl)amino]carbonyl]amino]acetyl]-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



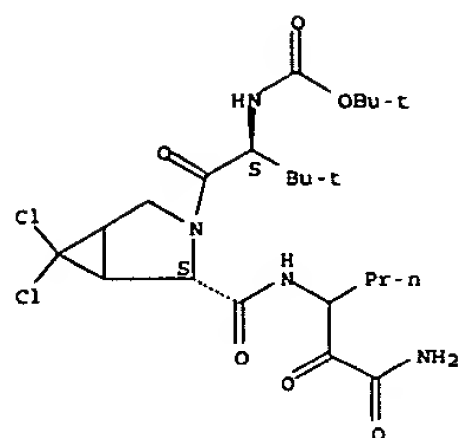
RN 395648-57-4 HCAPLUS
 CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide, N-[3-amino-1-(cyclobutylmethyl)-2,3-dioxopropyl]-6,6-dichloro-3-[(2S)-2-[[[cyclohexylamino]carbonyl]amino]-3,3-dimethyl-1-oxobutyl]-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



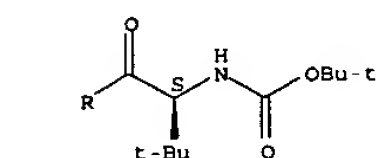
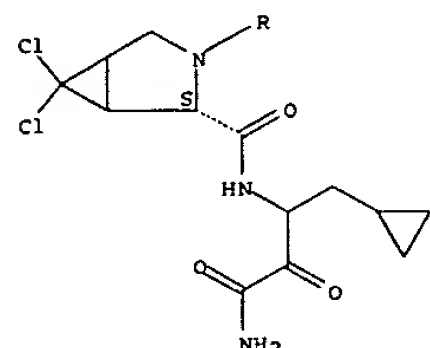
RN 395648-58-5 HCAPLUS
 CN Carbamic acid, [(1S)-1-[(2S)-2-[[[1-(aminooxoacetyl)butyl]amino]carbonyl]-6,6-dichloro-3-azabicyclo[3.1.0]hex-3-yl]carbonyl]-2,2-dimethylpropyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



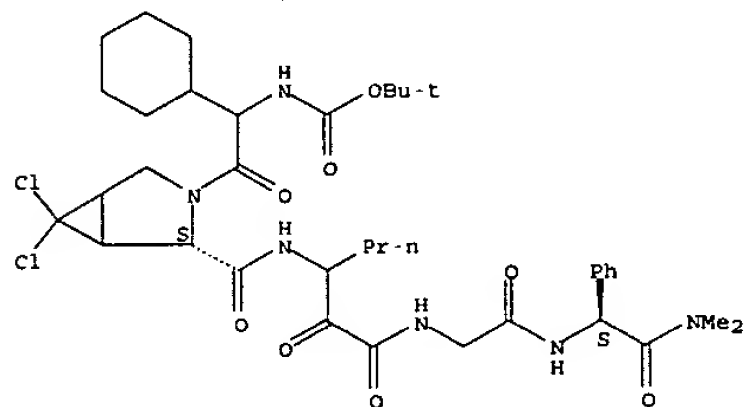
RN 395648-60-9 HCAPLUS
CN Carbamic acid, [(1S)-1-[[[3-amino-1-(cyclopropylmethyl)-2,3-dioxopropyl]amino]carbonyl]-6,6-dichloro-3-azabicyclo[3.1.0]hex-3-yl]carbonyl]-2,2-dimethylpropyl-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



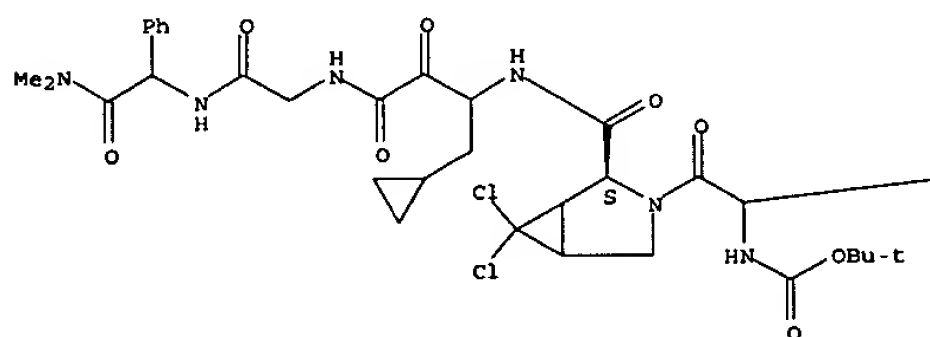
RN 395648-63-2 HCAPLUS
CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide,
N-[3-amino-1-(cyclopropylmethyl)-
2,3-dioxopropyl]-6,6-dichloro-3-[(2S)-2-[[[(1,1-
dimethylethyl)amino]carbonyl]amino]-3,3-dimethyl-1-oxobutyl]-, (2S)-
(9CI) (CA INDEX NAME)

Absolute stereochemistry.



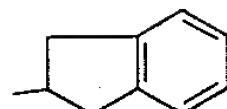
RN 395650-47-2 HCAPLUS
CN Glycinamide, 2-(2,3-dihydro-1H-inden-2-yl)-N-[(1,1-
dimethylethoxy)carbonyl]glycyl-(2S)-6,6-dichloro-3-azabicyclo[3.1.0]hexane-
2-carboxyl-β-amino-α-oxocyclopropanebutanoylglycyl-N,N-dimethyl-
2-phenyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



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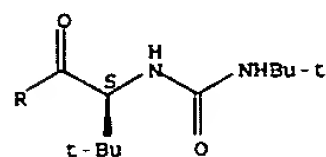
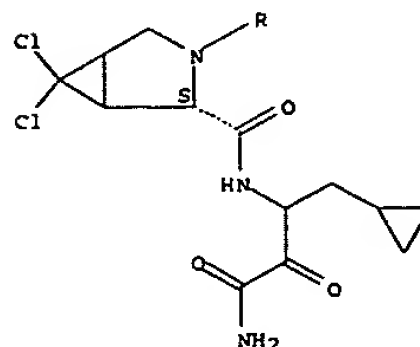
PAGE 1-B



RN 395650-49-4 HCAPLUS

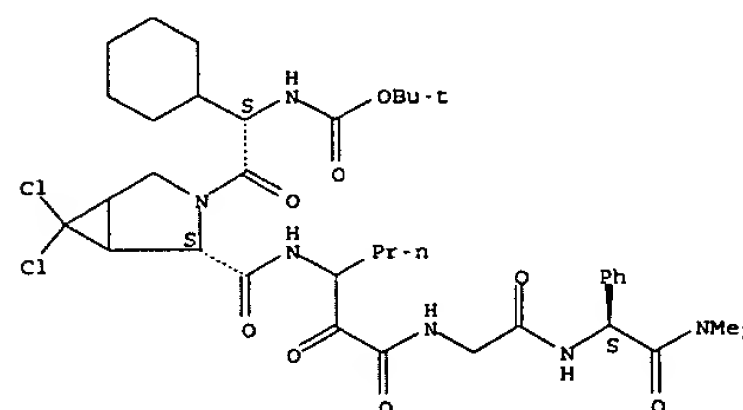
Searched by: Mary Hale 571-272-2507 REM 1D86

Absolute stereochemistry.



RN 395650-31-4 HCAPLUS
CN Glycinamide,
(2S)-2-cyclohexyl-N-[(1,1-dimethylethoxy)carbonyl]glycyl-(2S)-
6,6-dichloro-3-azabicyclo[3.1.0]hexane-2-carboxyl-3-amino-2-
oxohexanoylglycyl-N,N-dimethyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

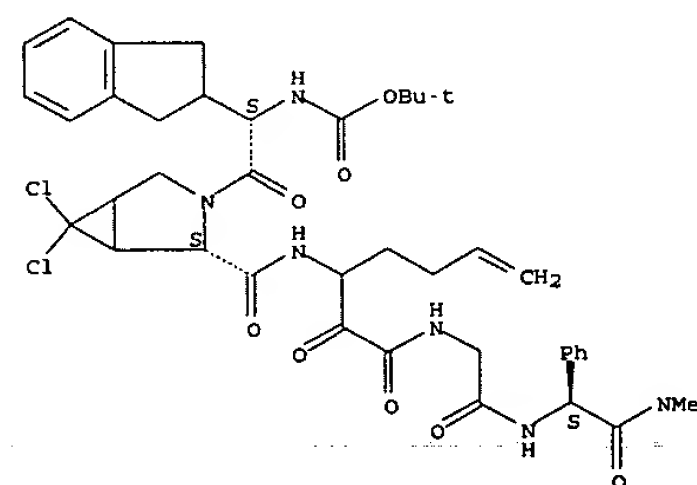
Absolute stereochemistry.



RN 395650-32-5 HCAPLUS
CN Glycinamide,
2-cyclohexyl-N-[(1,1-dimethylethoxy)carbonyl]glycyl-(2S)-6,6-
dichloro-3-azabicyclo[3.1.0]hexane-2-carboxyl-3-amino-2-oxohexanoylglycyl-
N,N-dimethyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

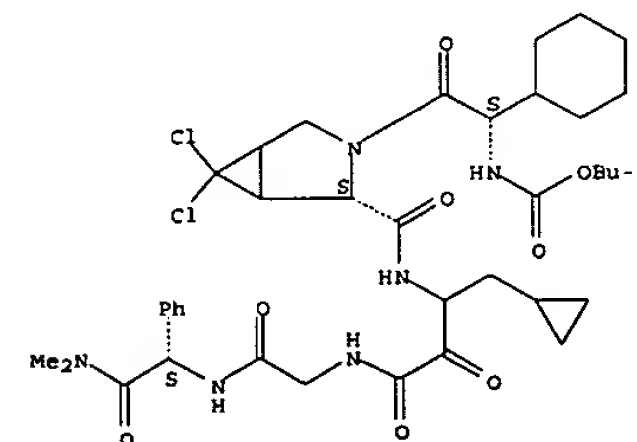
CN Glycinamide, (2S)-2-(2,3-dihydro-1H-inden-2-yl)-N-[(1,1-
dimethylethoxy)carbonyl]glycyl-(2S)-6,6-dichloro-3-azabicyclo[3.1.0]hexane-
2-carboxyl-β-amino-α-oxo-6-heptenoylglycyl-N,N-dimethyl-2-phenyl-, (2S)-
(9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 395650-51-8 HCAPLUS
CN Glycinamide,
(2S)-2-cyclohexyl-N-[(1,1-dimethylethoxy)carbonyl]glycyl-(2S)-
6,6-dichloro-3-azabicyclo[3.1.0]hexane-2-carboxyl-β-amino-α-
oxocyclopropanebutanoylglycyl-N,N-dimethyl-2-phenyl-, (2S)- (9CI) (CA
INDEX NAME)

Absolute stereochemistry.

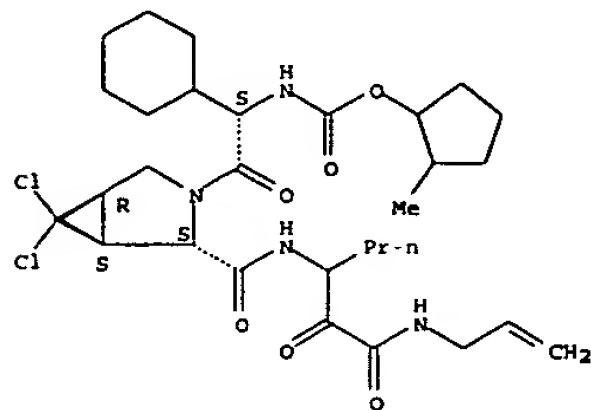


RN 395660-85-2 HCAPLUS
CN Carbamic acid,
[(1S)-1-cyclohexyl-2-[(1S,2S,5R)-6,6-dichloro-2-[[[1-oxo(2-

L4 ANSWER 1 OF 3 HCAPLUS COPYRIGHT 2005 ACS on STN (Continued)

propenylamino)acetyl]butyl]amino]carbonyl]-3-azabicyclo[3.1.0]hex-3-yl]-2-oxoethyl]-, 2-methylcyclopentyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L4 ANSWER 2 OF 3 HCAPLUS COPYRIGHT 2005 ACS on STN

2003:591204 Document No. 139:149928 Preparation of peptides as NS3-serine protease inhibitors of hepatitis C virus. Saksena, Anil K.; Girijavallabh, Viyyoor M.; Lovey, Raymond G.; Jao, Edwin; Bennett, Frank;

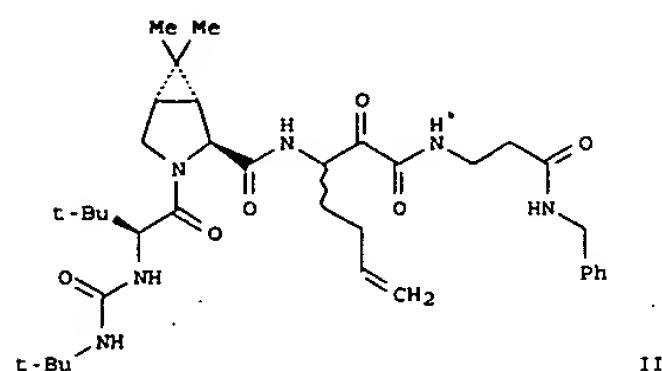
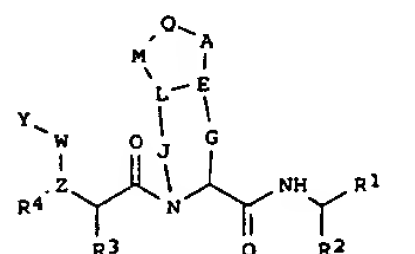
McCormick, Jinping L.; Wang, Haiyan; Pike, Russell E.; Bogen, Stephane L.;

Chan, Tin-yau; Liu, Yi-tsung; Zhu, Zhaoning; Njoroge, George F.; Arasappan, Ashok; Parekh, Tejal; Ganguly, Ashit K.; Chen, Kevin X.; Venkatraman, Srikanth; Vaccaro, Henry A.; Pinto, Patrick A.; Santhanam, Bama; Kemp, Scott Jeffrey; Levy, Odile Esther; Lim-Wilby, Marguerita; Tamura, Susan Y.; Wu, Wanli; Hendrata, Siska; Huang, Yuhua; Wong, Jesse K.; Nair, Latha G. (Schering Corporation, USA; Corvas International, Inc.;

Dendreon Corp.). PCT Int. Appl. WO 2003062265 A2 20030731, 633 pp. DESIGNATED STATES: W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY,

BZ, CA, CH, CN, CO, CR, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, HR, HU, ID, IL, IN, IS, JP, KG, KR, KZ, LC, LK, LR, LT, LU, LV, MA, MD, MG, MK, MN, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SC, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UZ, VC, VN, YU, ZA, ZM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR. (English). CODEN: PIXXD2. APPLICATION: WO 2003-US1430 20030116. PRIORITY: US 2002-52386 20020118.

GI



AB The invention discloses novel peptides I (Y is alkyl, alkylaryl, heteroalkyl, heteroaryl, aryl- or alkylheteroaryl, cycloalkyl, alkyloxy, alkylaryloxy, aryloxy, heteroaryloxy, heterocycloalkyloxy, cycloalkyloxy,

L4 ANSWER 2 OF 3 HCAPLUS COPYRIGHT 2005 ACS on STN (Continued)

alkylamino, arylamino, alkylarylamino, arylamino, heteroarylamino, cycloalkylamino, or heterocycloalkylamino; R1 is acyl; Z is selected from O, N, CH or CR; R, R2-R4 are H, alkyl, alkenyl, cycloalkyl, heterocycloalkyl, alkoxy, aryloxy, alkylthio, arylthio, amino, amido, ester, carboxylic acid, carbamate, urea, ketone, aldehyde, cyano, nitro, halo, (cycloalkyl)alkyl, or (heterocycloalkyl)alkyl; W, O, G, J, L, M independently may be present or absent; W is CO, CS, C(N:CN), or SO2; Q is CH, N, P, alkylidene, O, NR, S, or SO2; A is O, CH, alkylidene, NR, S, SO2, or a bond; E is CH, N, alkylidene, or a double bond; G is alkylidene;

J is alkylidene, SO2, NH, NR, or O; L is CH, CR, O, S, or NR; M is O, NR, S, SO2, or alkylidene (with proviso) which have HCV protease inhibitory activity as well as methods for prepg. such compds. In another embodiment, the invention discloses pharmaceutical compns. comprising

such compds. as well as methods of using them to treat disorders assocd. with the HCV protease. Thus, peptide II was prepd. and showed Ki = 1-100 nM (category A) in the HCV continuous assay.

IT 394724-48-2P 394727-53-8P 394727-69-6P
394727-70-9P 394727-71-0P 394727-73-2P
394727-96-9P 394727-97-0P 394728-02-0P
394728-03-1P 394728-05-3P 394728-09-7P
394728-20-2P 394728-28-0P 394730-61-1P
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395647-46-8P 395647-69-5P 395647-71-9P
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395660-64-7P 395660-71-6P 395660-72-7P
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569675-84-9P 569675-85-0P 569675-89-4P
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569676-78-4P 569676-83-1P 569676-88-6P
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569677-19-6P 569677-20-9P 569677-26-5P
569677-27-6P 569677-31-2P 569677-32-3P
569677-35-6P 569677-36-7P 569677-37-8P
569677-46-9P 569677-47-0P 569677-56-1P
569677-58-3P 569677-59-4P 569677-60-7P
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569682-38-8P

RL: IMF (Industrial manufacture); PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

L4 ANSWER 2 OF 3 HCAPLUS COPYRIGHT 2005 ACS on STN (Continued)

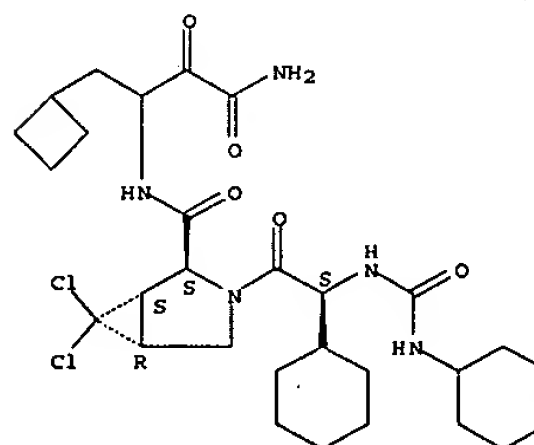
(prepn. of peptides as NS3-serine protease inhibitors of hepatitis C virus)

RN 394724-48-2 HCAPLUS

CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide, N-[3-amino-1-(cyclobutylmethyl)-

2,3-dioxopropyl]-6,6-dichloro-3-[(2S)-cyclohexyl] [(cyclohexylamino)carbonyl]amino]acetyl]-, (1S,2S,5R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

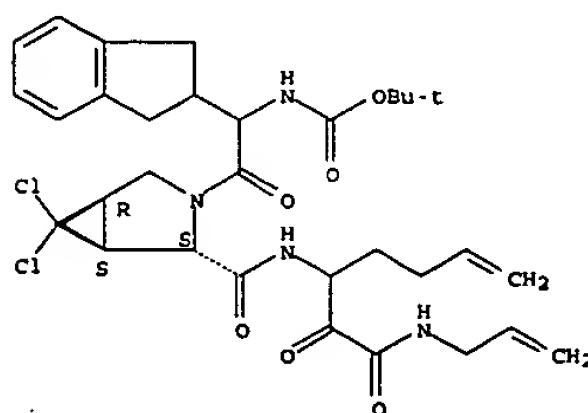


RN 394727-53-8 HCAPLUS

CN Carbamic acid, [2-[(1S,2S,5R)-6,6-dichloro-2-[[[1-oxo(2-

propenylamino)acetyl]-4-pentenyl]amino]carbonyl]-3-azabicyclo[3.1.0]hex-3-yl]-1-(2,3-dihydro-1H-inden-2-yl)-2-oxoethyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

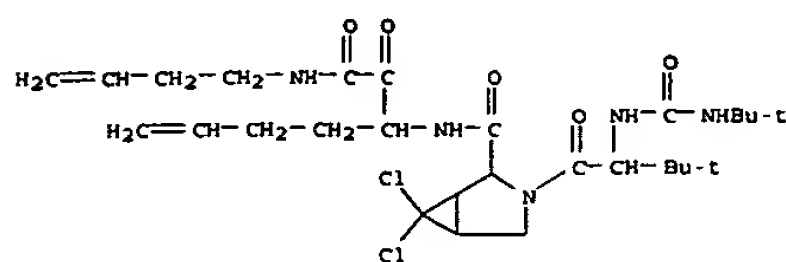


RN 394727-69-6 HCAPLUS

CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide, N-[1-[(3-butenylamino)oxoacetyl]-

L4 ANSWER 2 OF 3 HCAPLUS COPYRIGHT 2005 ACS on STN (Continued)

4-pentenyl]-6,6-dichloro-3-[2-[[[(1,1-dimethylethyl)amino]carbonyl]amino]-3,3-dimethyl-1-oxobutyl]- (9CI) (CA INDEX NAME)

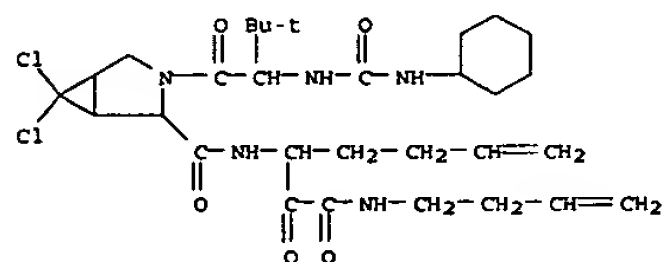


RN 394727-70-9 HCAPLUS

CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide,

N-[1-[(3-butenylamino)oxoacetyl]-

4-pentenyl]-6,6-dichloro-3-[2-[[[(cyclohexylamino)carbonyl]amino]-3,3-dimethyl-1-oxobutyl]- (9CI) (CA INDEX NAME)

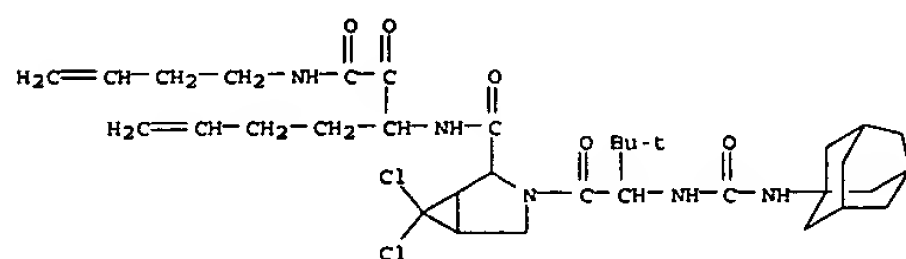


RN 394727-71-0 HCAPLUS

CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide,

N-[1-[(3-butenylamino)oxoacetyl]-

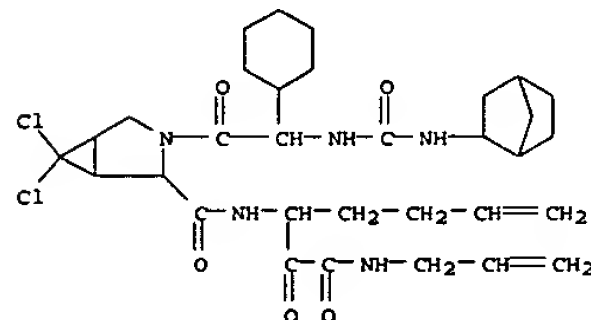
4-pentenyl]-6,6-dichloro-3-[3,3-dimethyl-1-oxo-2-[[[(tricyclo[3.3.1.1.3,7]dec-1-ylamino)carbonyl]amino]butyl]- (9CI) (CA INDEX NAME)



RN 394727-73-2 HCAPLUS

CN Carbamic acid, [2-[2-[[[1-[(3-butenylamino)oxoacetyl]-4-pentenyl]amino]carbonyl]-6,6-dichloro-3-azabicyclo[3.1.0]hex-3-yl]-1-

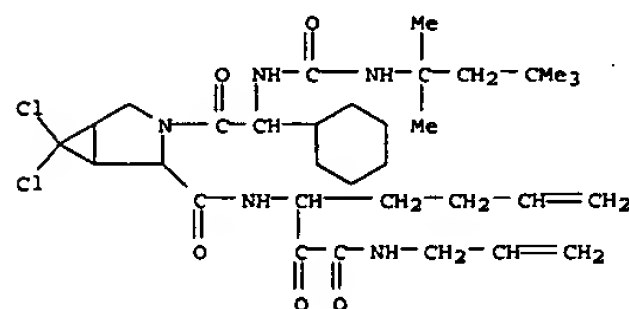
L4 ANSWER 2 OF 3 HCAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 394728-02-0 HCAPLUS

CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide, 6,6-dichloro-3-

[cyclohexyl[[[(1,1,3,3-tetramethylbutyl)amino]carbonyl]amino]acetyl]-N-[1-[oxo(2-propenylamino)acetyl]-4-pentenyl]- (9CI) (CA INDEX NAME)



RN 394728-03-1 HCAPLUS

CN Glycinamide,

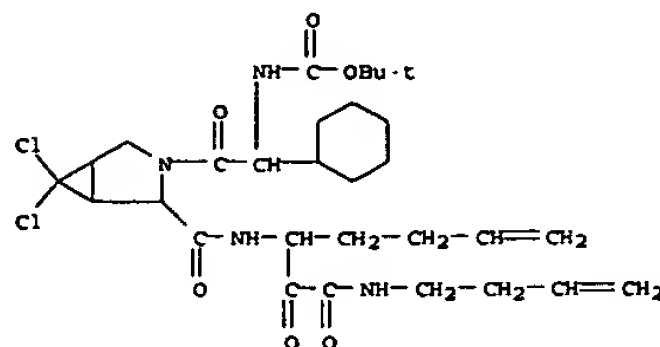
N-[(1,1-dimethylethoxy)carbonyl]-3-methyl-L-valyl-(1S,2S,5R)-

6,6-dichloro-3-azabicyclo[3.1.0]hexane-2-carboxyl-3-amino-2-oxohexanoyl-N-(phenylmethyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

L4 ANSWER 2 OF 3 HCAPLUS COPYRIGHT 2005 ACS on STN (Continued)

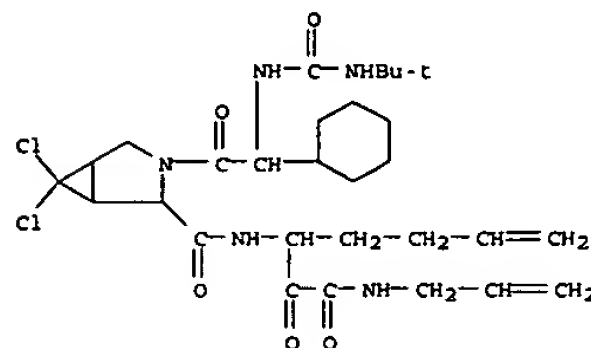
cyclohexyl-2-oxoethyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



RN 394727-96-9 HCAPLUS

CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide,

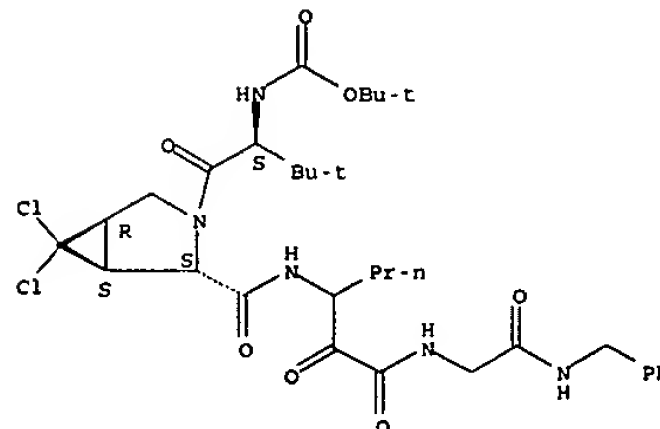
6,6-dichloro-3-[cyclohexyl[[[(1,1-dimethylethyl)amino]carbonyl]amino]acetyl]-N-[1-[oxo(2-propenylamino)acetyl]-4-pentenyl]- (9CI) (CA INDEX NAME)



RN 394727-97-0 HCAPLUS

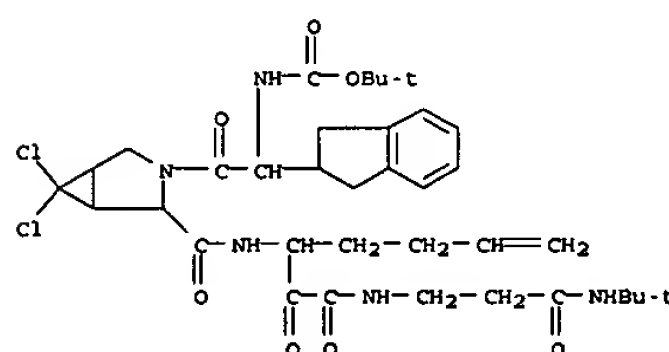
CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide, 3-[[[(bicyclo[2.2.1]hept-2-ylamino)carbonyl]amino]cyclohexylacetyl]-6,6-dichloro-N-[1-[oxo(2-propenylamino)acetyl]-4-pentenyl]- (9CI) (CA INDEX NAME)

L4 ANSWER 2 OF 3 HCAPLUS COPYRIGHT 2005 ACS on STN (Continued)



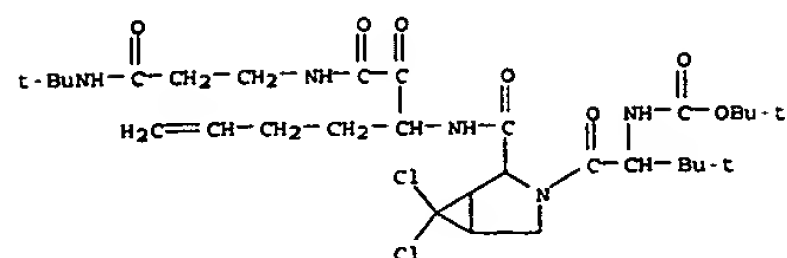
RN 394728-05-3 HCAPLUS

CN β-Alaninamide, 2-(2,3-dihydro-1H-inden-2-yl)-N-[(1,1-dimethylethoxy)carbonyl]glycyl-6,6-dichloro-3-azabicyclo[3.1.0]hexane-2-carboxyl-3-amino-2-oxo-6-heptenoyl-N-(1,1-dimethylethyl)- (9CI) (CA INDEX NAME)



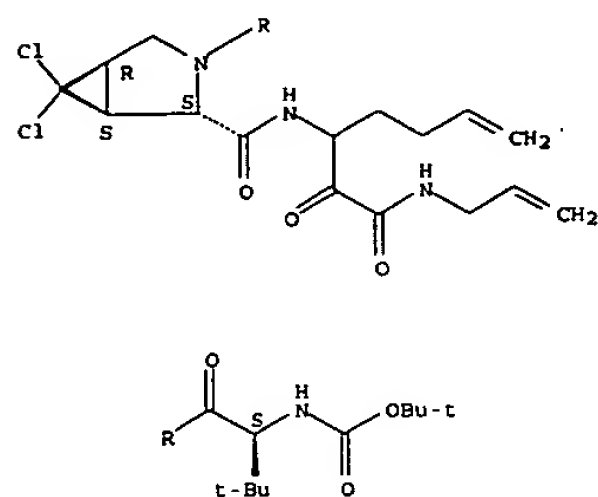
RN 394728-09-7 HCAPLUS

CN β-Alaninamide, N-[(1,1-dimethylethoxy)carbonyl]valyl-6,6-dichloro-3-azabicyclo[3.1.0]hexane-2-carboxyl-3-amino-2-oxo-6-heptenoyl-N-(1,1-dimethylethyl)- (9CI) (CA INDEX NAME)

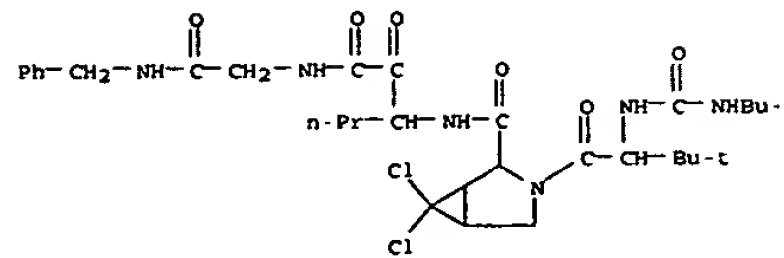


RN 394728-20-2 HCAPLUS
 CN Carbamic acid, [(1S)-1-[[[(1S,2S,5R)-6,6-dichloro-2-[[[1-oxo(2-propenylamino)acetyl]-4-pentenyl]amino]carbonyl]-3-azabicyclo[3.1.0]hex-3-yl]carbonyl]-2,2-dimethylpropyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

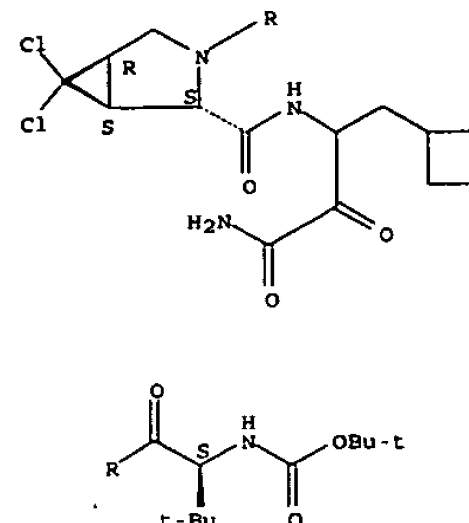


RN 394728-28-0 HCAPLUS
 CN Glycinamide, N-[[[(1,1-dimethylethyl)amino]carbonyl]-3-methylvalyl]-6,6-dichloro-3-azabicyclo[3.1.0]hexane-2-carbonyl-3-amino-2-oxohexanoyl-N-(phenylmethyl)- (9CI) (CA INDEX NAME)



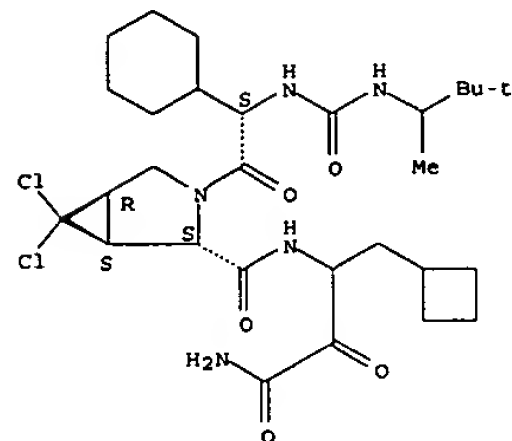
RN 394730-61-1 HCAPLUS
 CN Carbamic acid, [(1S)-1-[[[(1S,2S,5R)-2-[[[3-amino-1-(cyclobutylmethyl)-2,3-dioxopropyl]amino]carbonyl]-6,6-dichloro-3-azabicyclo[3.1.0]hex-3-yl]carbonyl]-2,2-dimethylpropyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



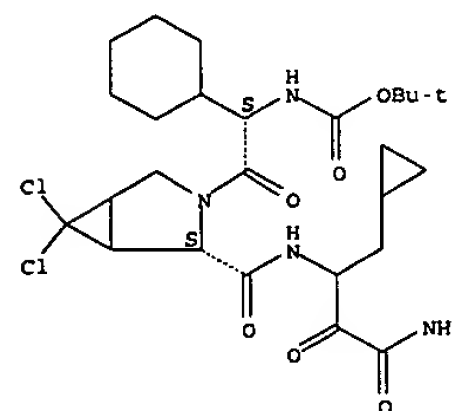
RN 394730-62-2 HCAPLUS
 CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide, N-[3-amino-1-(cyclobutylmethyl)-2,3-dioxopropyl]amino]carbonyl]amino]acetyl]-, (1S,2S,5R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



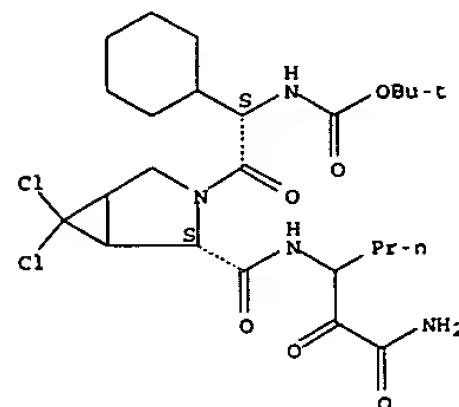
RN 395645-10-0 HCAPLUS
 CN Carbamic acid, [(1S)-2-[(2S)-2-[[[3-amino-1-(cyclopropylmethyl)-2,3-dioxopropyl]amino]carbonyl]-6,6-dichloro-3-azabicyclo[3.1.0]hex-3-yl]-1-cyclohexyl-2-oxoethyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



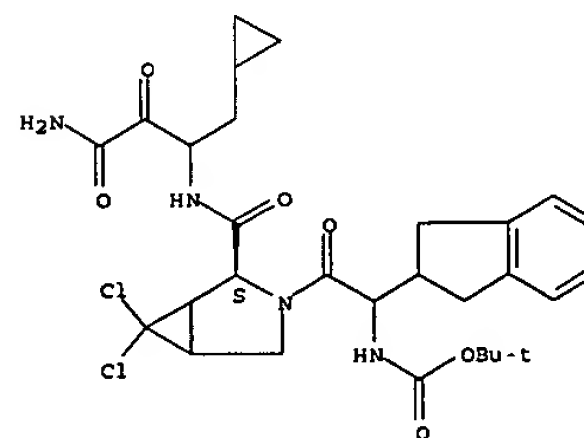
RN 395645-14-4 HCAPLUS
 CN Carbamic acid, [(1S)-2-[(2S)-2-[[[1-(aminooxoacetyl)butyl]amino]carbonyl]-6,6-dichloro-3-azabicyclo[3.1.0]hex-3-yl]-1-cyclohexyl-2-oxoethyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



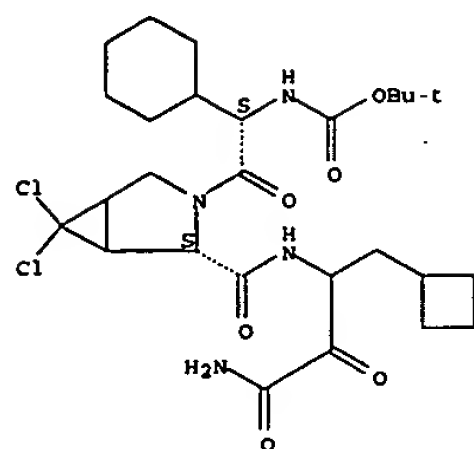
RN 395645-88-2 HCAPLUS
 CN Carbamic acid, [2-[(2S)-2-[[[3-amino-1-(cyclopropylmethyl)-2,3-dioxopropyl]amino]carbonyl]-6,6-dichloro-3-azabicyclo[3.1.0]hex-3-yl]-1-(2,3-dihydro-1H-inden-2-yl)-2-oxoethyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 395646-26-1 HCAPLUS
 CN Carbamic acid, [(1S)-2-[(2S)-2-[[[3-amino-1-(cyclobutylmethyl)-2,3-dioxopropyl]amino]carbonyl]-6,6-dichloro-3-azabicyclo[3.1.0]hex-3-yl]-1-cyclohexyl-2-oxoethyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

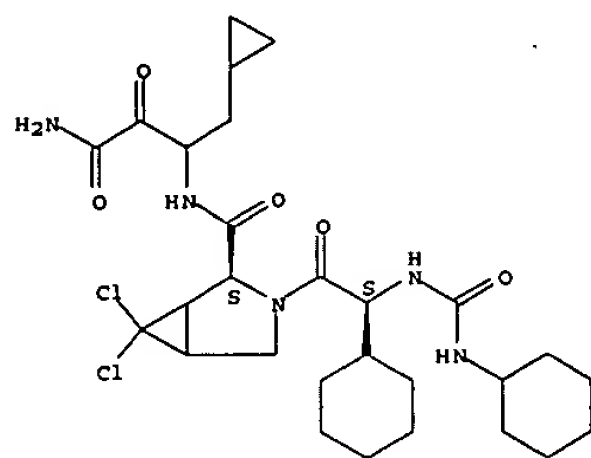
Absolute stereochemistry.



RN 395647-37-7 HCAPLUS
CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide,
N-[3-amino-1-(cyclopropylmethyl)-

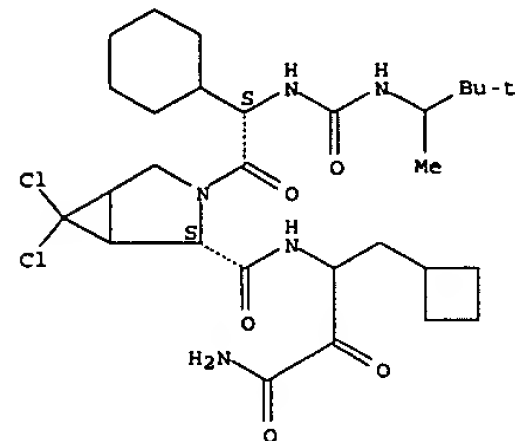
2,3-dioxopropyl]-6,6-dichloro-3-[(2S)-cyclohexyl]amino]carbonyl]amino]acetyl]-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



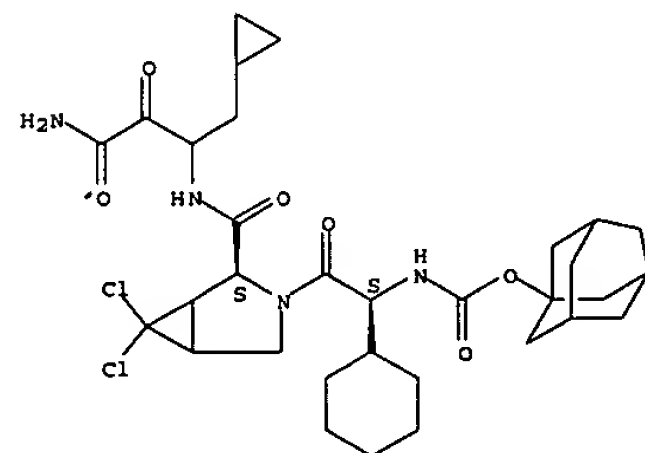
RN 395647-42-4 HCAPLUS
CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide,
N-[3-amino-1-(cyclopropylmethyl)-
2,3-dioxopropyl]-6,6-dichloro-3-[(2S)-cyclohexyl]amino]carbonyl]amino]acetyl]-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



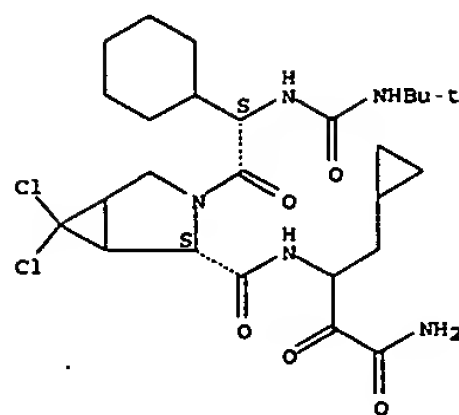
RN 395647-46-8 HCAPLUS
CN Carbamic acid, [(1S)-2-[(2S)-2-[[3-amino-1-(cyclopropylmethyl)-2,3-dioxopropyl]amino]carbonyl]-6,6-dichloro-3-azabicyclo[3.1.0]hex-3-yl]-1-cyclohexyl-2-oxoethyl]-, tricyclo[3.3.1.1.3,7]dec-1-yl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



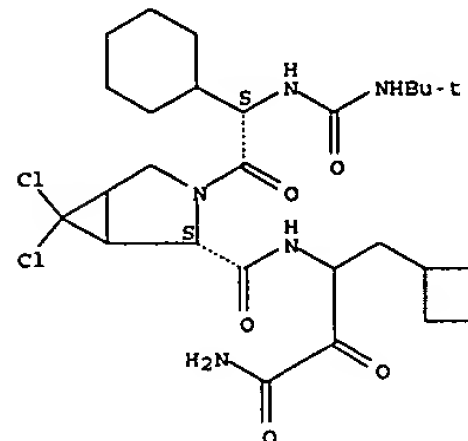
RN 395647-69-5 HCAPLUS
CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide, N-[1-(aminooxoacetyl)butyl]-6,6-dichloro-3-[(2S)-cyclohexyl]amino]carbonyl]amino]acet yl]-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



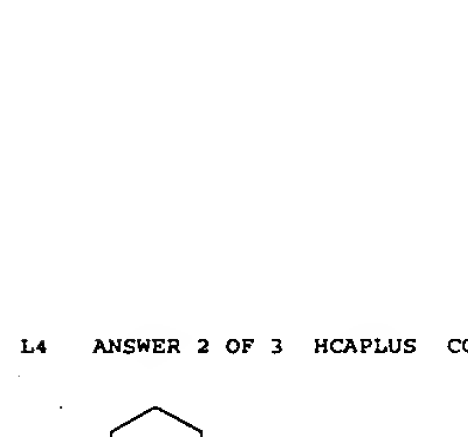
RN 395647-44-6 HCAPLUS
CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide, N-[3-amino-1-(cyclobutylmethyl)-2,3-dioxopropyl]-6,6-dichloro-3-[(2S)-cyclohexyl]amino]carbonyl]amino]acetyl]-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 395647-45-7 HCAPLUS
CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide, N-[3-amino-1-(cyclobutylmethyl)-2,3-dioxopropyl]-6,6-dichloro-3-[(2S)-cyclohexyl]amino]carbonyl]amino]acetyl]-, (2S)- (9CI) (CA INDEX NAME)

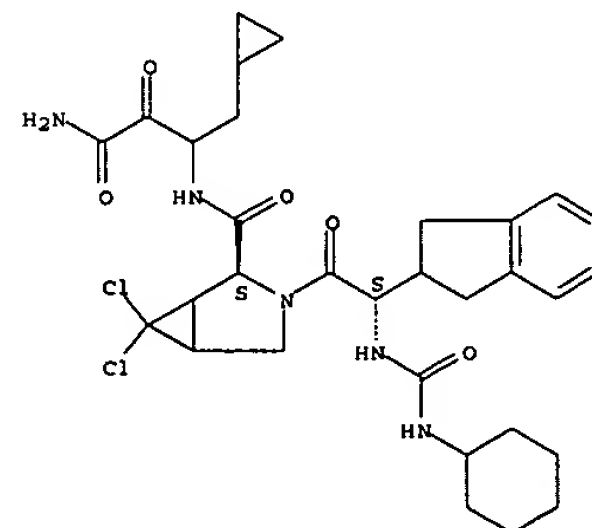
Absolute stereochemistry.



RN 395647-71-9 HCAPLUS
CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide,
N-[3-amino-1-(cyclopropylmethyl)-

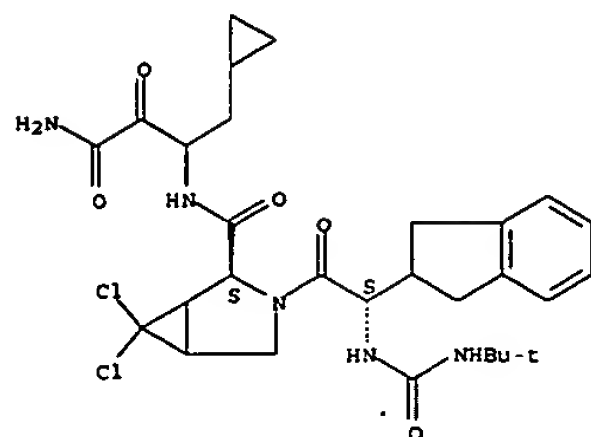
2,3-dioxopropyl]-6,6-dichloro-3-[(2S)-[(cyclohexylamino)carbonyl]amino] (2,3-dihydro-1H-inden-2-yl)acetyl]-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



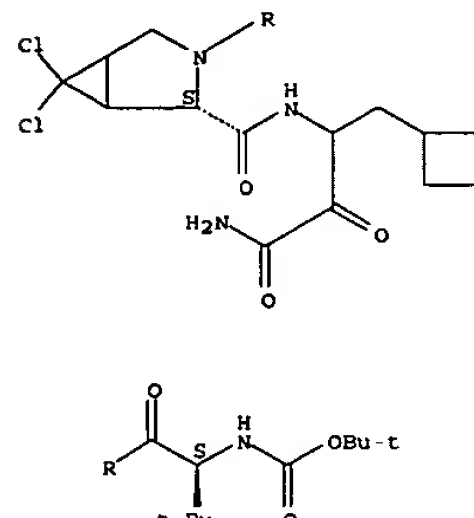
RN 395647-75-3 HCAPLUS
CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide,
N-[3-amino-1-(cyclopropylmethyl)-
2,3-dioxopropyl]-6,6-dichloro-3-[(2S)-[(cyclohexylamino)carbonyl]amino] (2,3-dihydro-1H-inden-2-yl)acetyl]-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



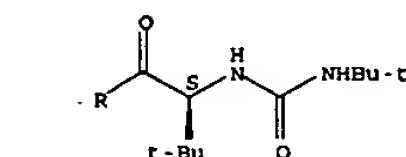
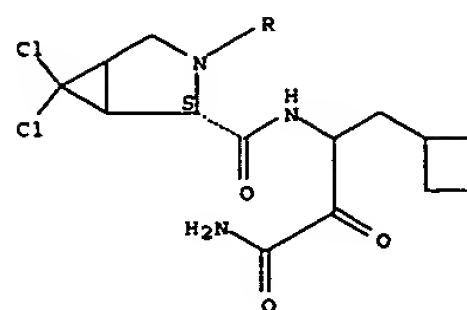
RN 395648-09-6 HCAPLUS
 CN Carbamic acid, [(1S)-1-[[[(2S)-2-[[[3-amino-1-(cyclobutylmethyl)-2,3-dioxopropyl]amino]carbonyl]-6,6-dichloro-3-azabicyclo[3.1.0]hex-3-yl]carbonyl]-2,2-dimethylpropyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



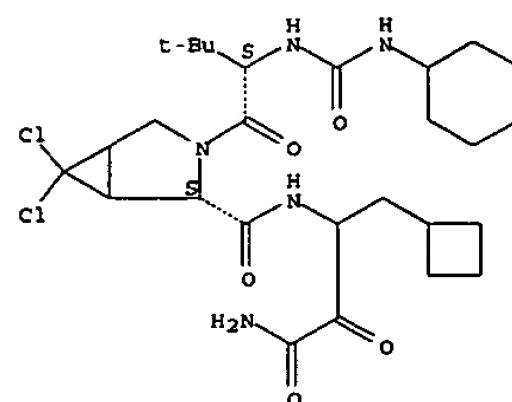
RN 395648-50-7 HCAPLUS
 CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide, N-[3-amino-1-(cyclobutylmethyl)-2,3-dioxopropyl]-6,6-dichloro-3-[(2S)-2-[[[(1,1-dimethylethyl)amino]carbonyl]amino]-3,3-dimethyl-1-oxobutyl]-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



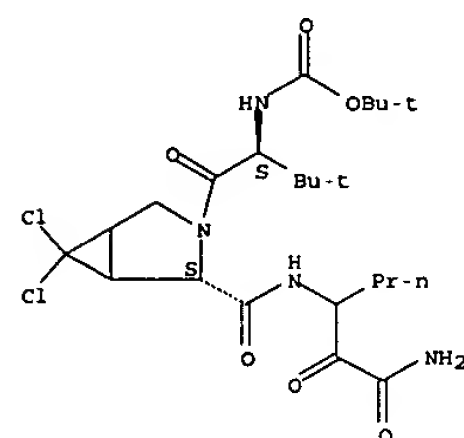
RN 395648-57-4 HCAPLUS
 CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide, N-[3-amino-1-(cyclobutylmethyl)-2,3-dioxopropyl]-6,6-dichloro-3-[(2S)-2-[[[(cyclohexylamino)carbonyl]amino]-3,3-dimethyl-1-oxobutyl]-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



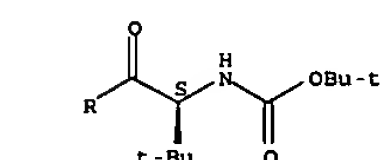
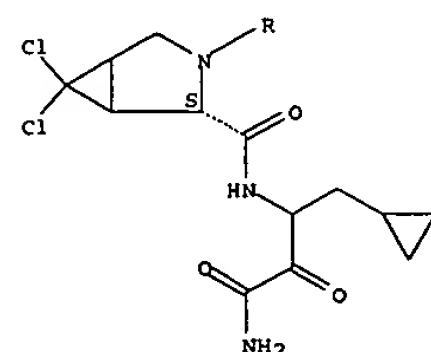
RN 395648-58-5 HCAPLUS
 CN Carbamic acid, [(1S)-1-[[[(2S)-2-[[[1-(aminooxoacetyl)butyl]amino]carbonyl]-6,6-dichloro-3-azabicyclo[3.1.0]hex-3-yl]carbonyl]-2,2-dimethylpropyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



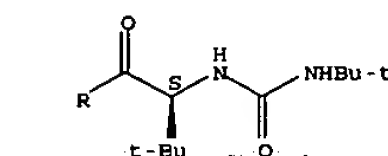
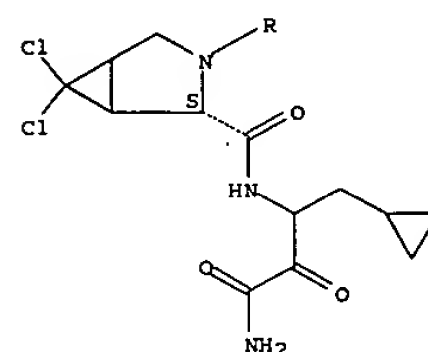
RN 395648-60-9 HCAPLUS
 CN Carbamic acid, [(1S)-1-[[[(2S)-2-[[[3-amino-1-(cyclopropylmethyl)-2,3-dioxopropyl]amino]carbonyl]-6,6-dichloro-3-azabicyclo[3.1.0]hex-3-yl]carbonyl]-2,2-dimethylpropyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



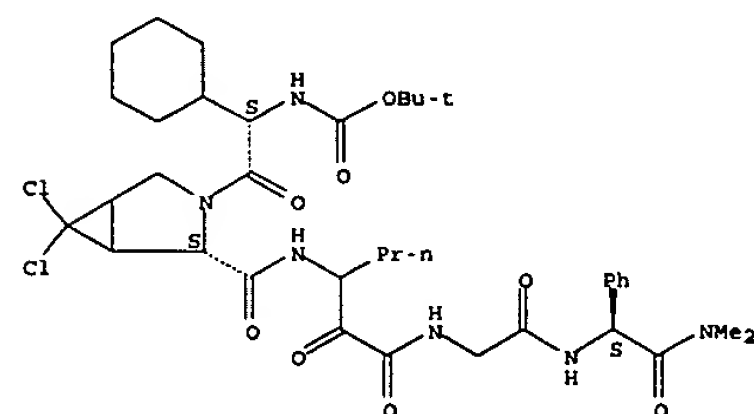
RN 395648-63-2 HCAPLUS
 CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide, N-[3-amino-1-(cyclopropylmethyl)-2,3-dioxopropyl]-6,6-dichloro-3-[(2S)-2-[[[(1,1-dimethylethyl)amino]carbonyl]amino]-3,3-dimethyl-1-oxobutyl]-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



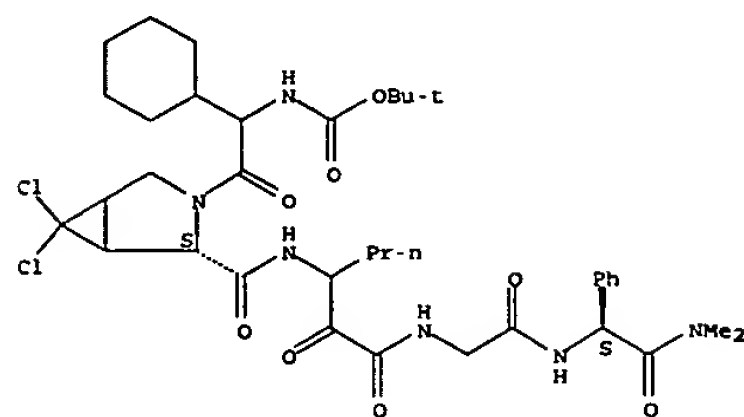
RN 395650-31-4 HCAPLUS
 CN Glycinamide, (2S)-2-cyclohexyl-N-[(1,1-dimethylethoxy)carbonyl]glycyl-(2S)-6,6-dichloro-3-azabicyclo[3.1.0]hexane-2-carboxyl-3-amino-2-oxohexanoylglycyl-N,N-dimethyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 395650-32-5 HCAPLUS
 CN Glycinamide, (2S)-2-cyclohexyl-N-[(1,1-dimethylethoxy)carbonyl]glycyl-(2S)-6,6-dichloro-3-azabicyclo[3.1.0]hexane-2-carboxyl-3-amino-2-oxohexanoylglycyl-N,N-dimethyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

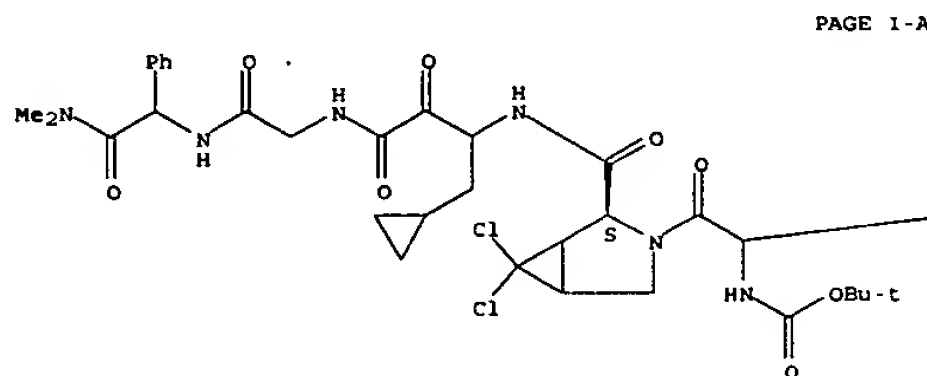


RN 395650-47-2 HCAPLUS

CN Glycinamide, 2-(2,3-dihydro-1H-inden-2-yl)-N-((1,1-

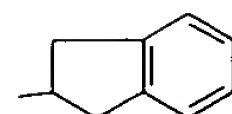
dimethylethoxy)carbonyl)glycyl-(2S)-6,6-dichloro-3-azabicyclo[3.1.0]hexane-2-carbonyl-β-amino-α-oxocyclopropanebutanoylglycyl-N,N-dimethyl-2-phenyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



PAGE 1-A

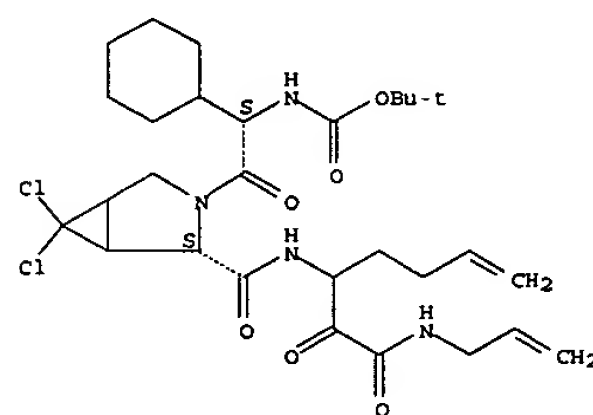
PAGE 1-B



RN 395650-49-4 HCAPLUS

propenylamino)acetyl]-4-pentenyl]amino]carbonyl]-3-azabicyclo[3.1.0]hex-3-yl]-2-oxoethyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

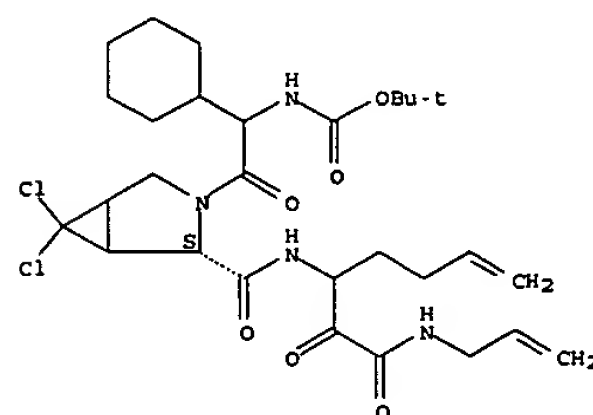
Absolute stereochemistry.



RN 395659-36-6 HCAPLUS

CN Carbamic acid, [1-cyclohexyl-2-[(2S)-6,6-dichloro-2-[[[1-[(oxo(2-propenylamino)acetyl]-4-pentenyl]amino]carbonyl]-3-azabicyclo[3.1.0]hex-3-yl]-2-oxoethyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 395660-23-8 HCAPLUS

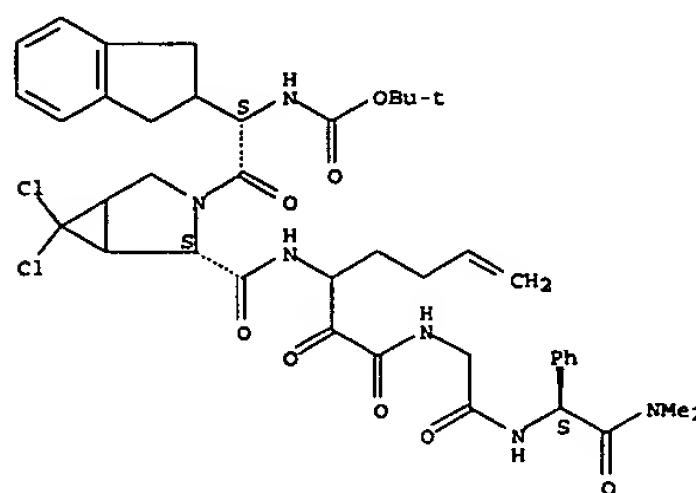
CN Carbamic acid, [2-[(2S)-2-[[[1-[(3-butenylamino)oxoacetyl]-4-pentenyl]amino]carbonyl]-6,6-dichloro-3-azabicyclo[3.1.0]hex-3-yl]-1-(2,3-dihydro-1H-inden-2-yl)-2-oxoethyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

CN Glycinamide, (2S)-2-(2,3-dihydro-1H-inden-2-yl)-N-((1,1-

dimethylethoxy)carbonyl)glycyl-(2S)-6,6-dichloro-3-azabicyclo[3.1.0]hexane-2-carbonyl-β-amino-α-oxo-6-heptenoylglycyl-N,N-dimethyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

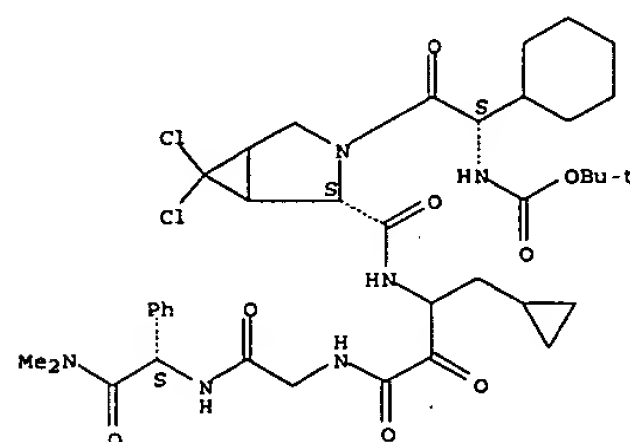


RN 395650-51-8 HCAPLUS

CN Glycinamide,

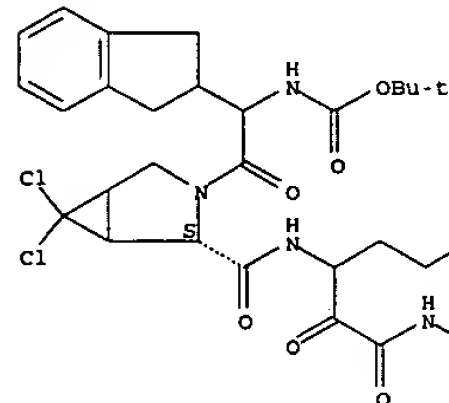
(2S)-2-cyclohexyl-N-((1,1-dimethylethoxy)carbonyl)glycyl-(2S)-6,6-dichloro-3-azabicyclo[3.1.0]hexane-2-carbonyl-β-amino-α-oxocyclopropanebutanoylglycyl-N,N-dimethyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 395657-22-4 HCAPLUS

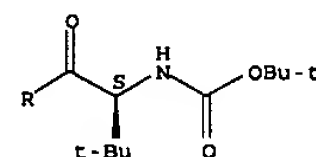
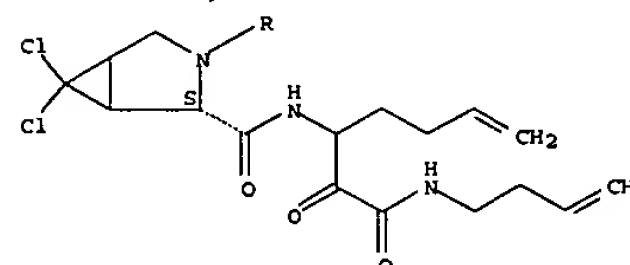
CN Carbamic acid, [(1S)-1-cyclohexyl-2-[(2S)-6,6-dichloro-2-[[[1-[(oxo(2-



RN 395660-24-9 HCAPLUS

CN Carbamic acid, [1-[(2S)-2-[[[1-[(3-butenylamino)oxoacetyl]-4-pentenyl]amino]carbonyl]-6,6-dichloro-3-azabicyclo[3.1.0]hex-3-yl]carbonyl]-2,2-dimethylpropyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

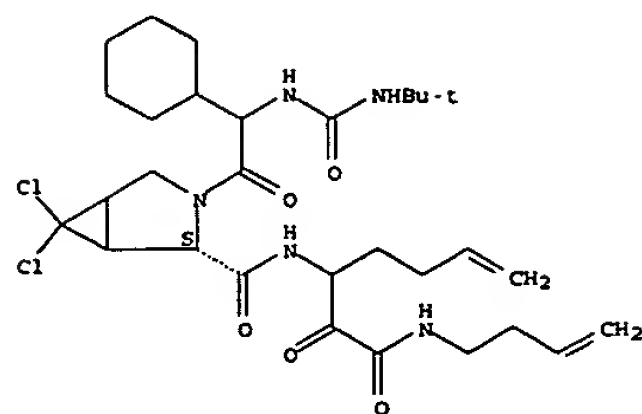
Absolute stereochemistry.



RN 395660-25-0 HCAPLUS

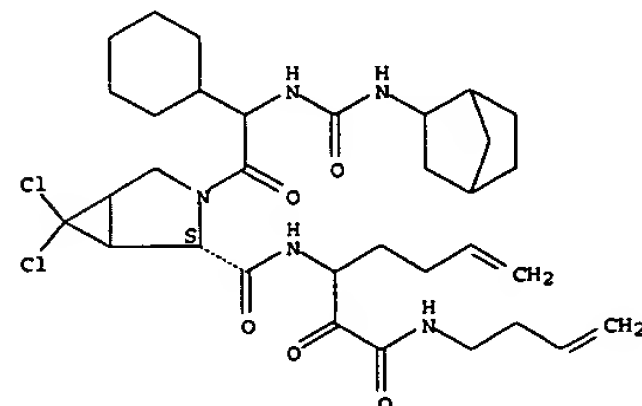
CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide, N-[1-[(3-butenylamino)oxoacetyl]-4-pentenyl]-6,6-dichloro-3-[cyclohexyl]-(1,1-dimethylethyl)amino]carbonyl]amino]acetyl]-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



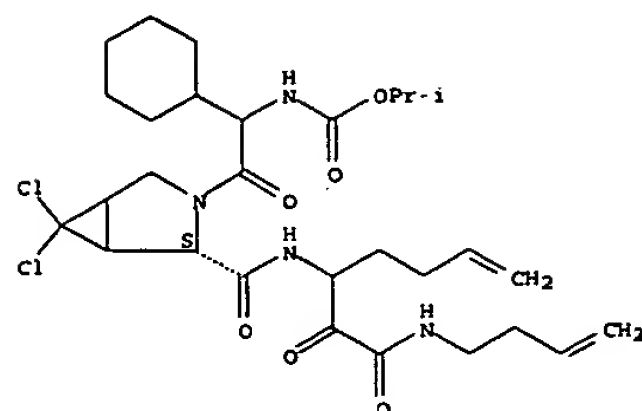
RN 395660-29-4 HCAPLUS
 CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide, 3-[[[(bicyclo[2.2.1]hept-2-ylamino)carbonyl]amino]cyclohexylacetyl]-N-[1-[(3-butenylamino)oxoacetyl]-4-pentenyl]-6,6-dichloro-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



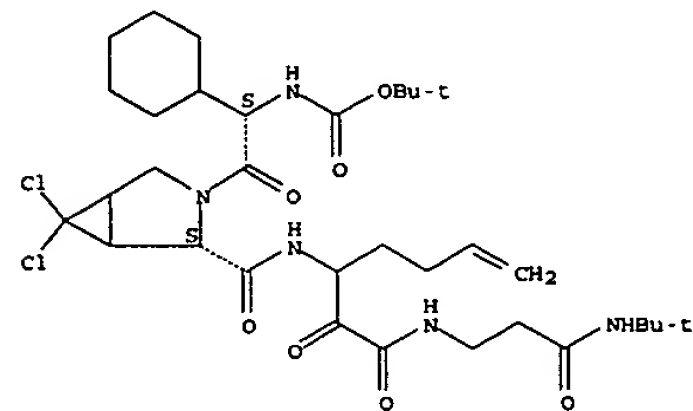
RN 395660-32-9 HCAPLUS
 CN Carbamic acid, [2-[(2S)-2-[[[1-[(3-butenylamino)oxoacetyl]-4-pentenyl]amino]carbonyl]-6,6-dichloro-3-azabicyclo[3.1.0]hex-3-yl]-1-cyclohexyl-2-oxoethyl]-, 1-methylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



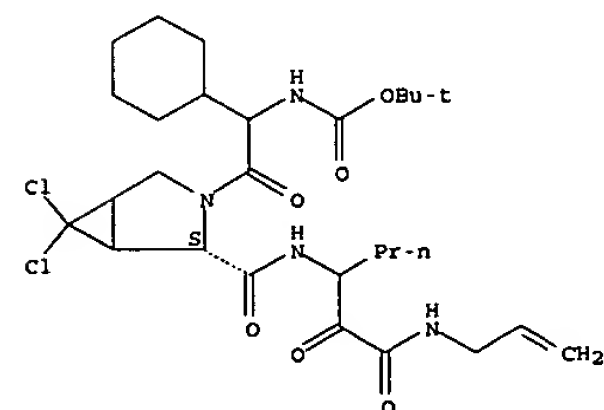
RN 395660-38-5 HCAPLUS
 CN β-Alaninamide, (2S)-2-cyclohexyl-N-[(1,1-dimethylethoxy)carbonyl]glycyl-(2S)-6,6-dichloro-3-azabicyclo[3.1.0]hexane-2-carbonyl-3-amino-2-oxo-6-heptenyl-N-(1,1-dimethylethyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



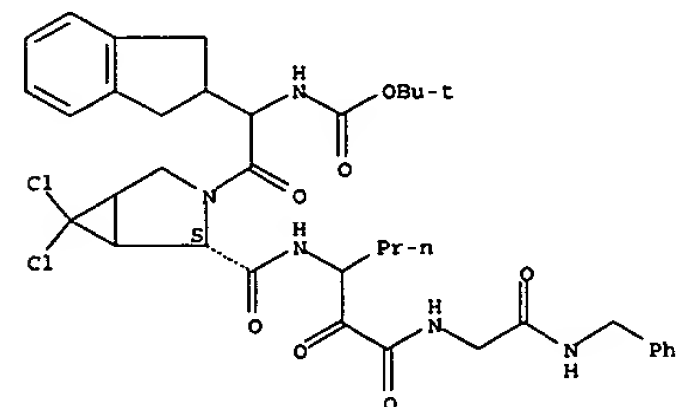
RN 395660-54-5 HCAPLUS
 CN Carbamic acid, [1-cyclohexyl-2-[(2S)-6,6-dichloro-2-[[[1-oxo(2-propenylamino)acetyl]butyl]amino]carbonyl]-3-azabicyclo[3.1.0]hex-3-yl]-2-oxoethyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



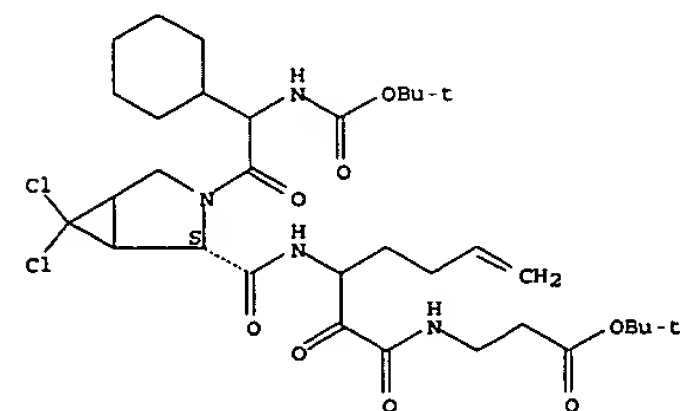
RN 395660-64-7 HCAPLUS
 CN Glycinamide, 2-(2,3-dihydro-1H-inden-2-yl)-N-[(1,1-dimethylethoxy)carbonyl]glycyl-(2S)-6,6-dichloro-3-azabicyclo[3.1.0]hexane-2-carbonyl-3-amino-2-oxohexanoyl-N-(phenylmethyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



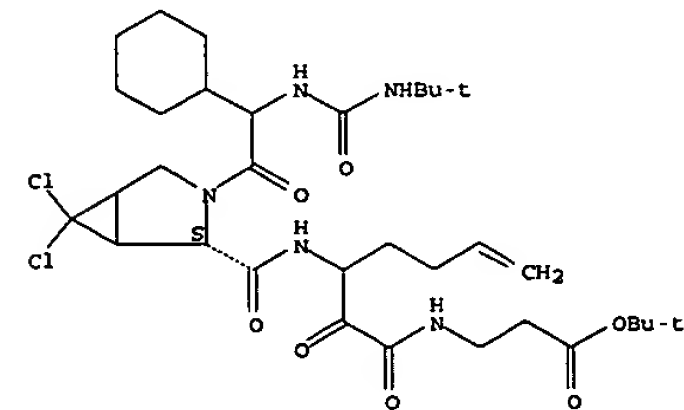
RN 395660-71-6 HCAPLUS
 CN β-Alanine, 2-cyclohexyl-N-[(1,1-dimethylethoxy)carbonyl]glycyl-(2S)-6,6-dichloro-3-azabicyclo[3.1.0]hexane-2-carbonyl-3-amino-2-oxo-6-heptenyl-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



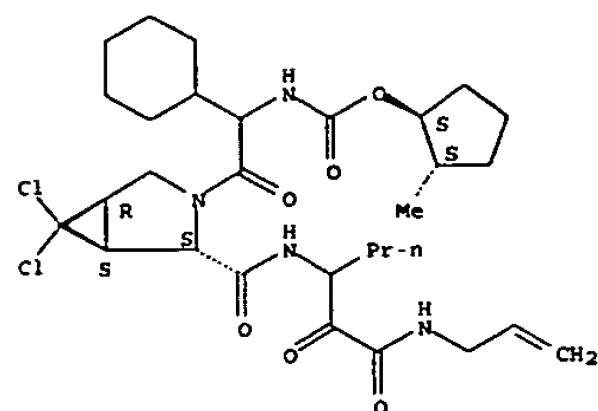
RN 395660-72-7 HCAPLUS
 CN β-Alanine, 2-cyclohexyl-N-[(1,1-dimethylethyl)amino]carbonyl]glycyl-(2S)-6,6-dichloro-3-azabicyclo[3.1.0]hexane-2-carbonyl-3-amino-2-oxo-6-heptenyl-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



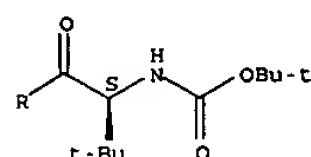
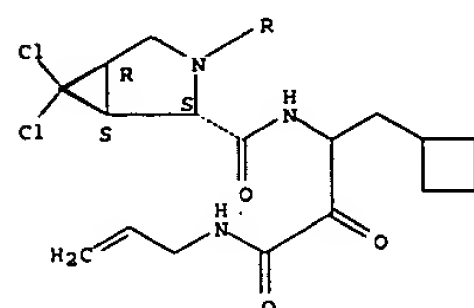
RN 569675-25-8 HCAPLUS
 CN Carbamic acid, [1-cyclohexyl-2-[(1S,2S,5R)-6,6-dichloro-2-[[[1-oxo(2-propenylamino)acetyl]butyl]amino]carbonyl]-3-azabicyclo[3.1.0]hex-3-yl]-2-oxoethyl]-, (1S,2S)-2-methylcyclopentyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 569675-26-9 HCAPLUS
 CN Carbamic acid,
 [(1S)-1-[[1-(1S,2S,5R)-6,6-dichloro-2-[[1-(cyclobutylmethyl)]-2,3-dioxo-3-(2-propenylamino)propyl]amino]carbonyl]-3-azabicyclo[3.1.0]hex-3-yl]carbonyl]-2,2-dimethylpropyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

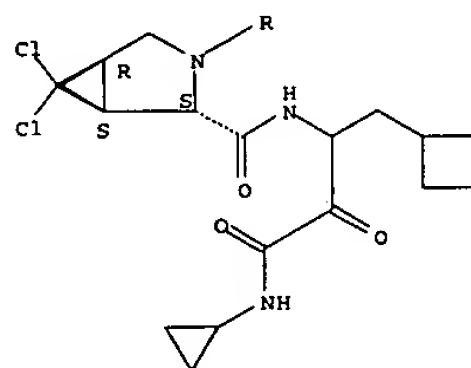
Absolute stereochemistry.



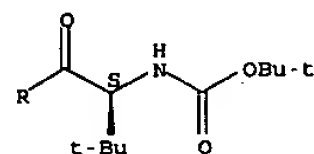
RN 569675-38-3 HCAPLUS
 CN Carbamic acid,
 [(1S)-2-[[1-(1S,2S,5R)-2-[[1-(aminooxoacetyl)butyl]amino]carbonyl]-6,6-dichloro-3-azabicyclo[3.1.0]hex-3-yl]-1-cyclohexyl-2-oxoethyl]-, (2S)-2-methylcyclopentyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

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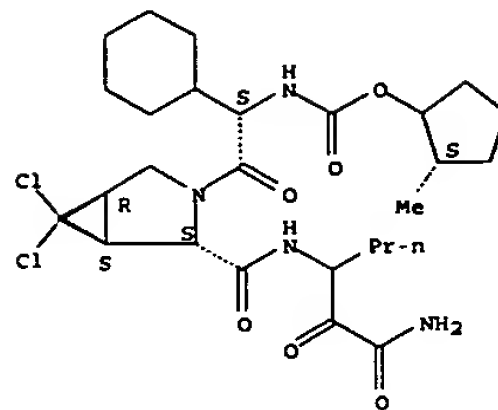


PAGE 2-A



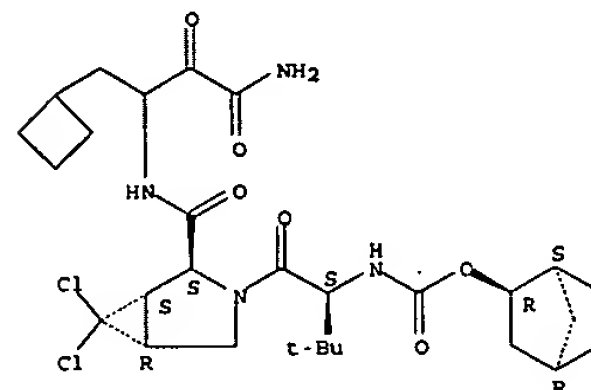
RN 569675-83-8 HCAPLUS
 CN Carbamic acid,
 [(1S)-1-[[1-(1S,2S,5R)-6,6-dichloro-2-[[1-(cyclobutylmethyl)]-2,3-dioxo-3-(methoxyamino)-2,3-dioxopropyl]amino]carbonyl]-3-azabicyclo[3.1.0]hex-3-yl]carbonyl]-2,2-dimethylpropyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



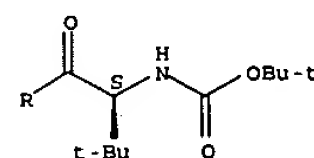
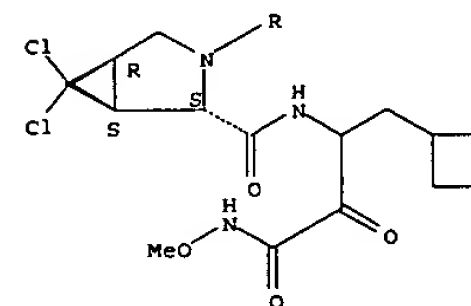
RN 569675-58-7 HCAPLUS
 CN Carbamic acid,
 [(1S)-1-[[1-(1S,2S,5R)-2-[[1-(3-amino-1-(cyclobutylmethyl)-2,3-dioxopropyl]amino]carbonyl]-6,6-dichloro-3-azabicyclo[3.1.0]hex-3-yl]carbonyl]-2,2-dimethylpropyl]-, (1S,2R,4R)-bicyclo[2.2.1]hept-2-yl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



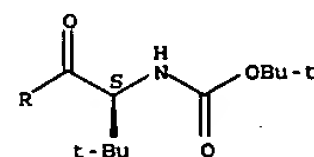
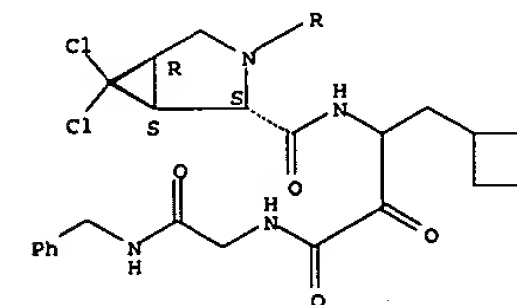
RN 569675-76-9 HCAPLUS
 CN Carbamic acid,
 [(1S)-1-[[1-(1S,2S,5R)-6,6-dichloro-2-[[1-(cyclobutylmethyl)]-3-(cyclopropylamino)-2,3-dioxopropyl]amino]carbonyl]-3-azabicyclo[3.1.0]hex-3-yl]carbonyl]-2,2-dimethylpropyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



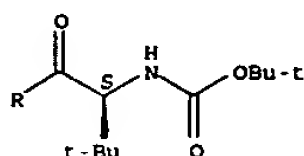
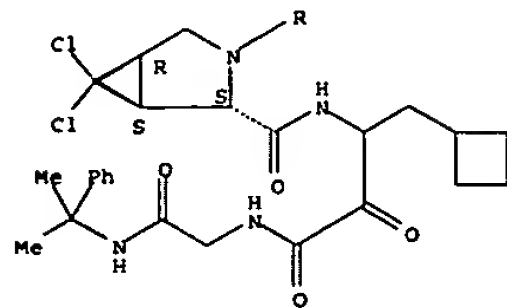
RN 569675-84-9 HCAPLUS
 CN Glycinamide,
 N-[(1,1-dimethylethoxy)carbonyl]-3-methyl-L-valyl-(1S,2S,5R)-6,6-dichloro-3-azabicyclo[3.1.0]hexane-2-carbonyl-β-amino-α-oxocyclobutanebutanoyl-N-(phenylmethyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



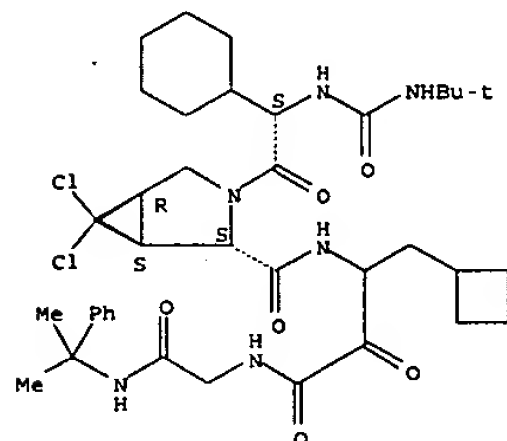
RN 569675-85-0 HCAPLUS
 CN Glycinamide,
 N-[(1,1-dimethylethoxy)carbonyl]-3-methyl-L-valyl-(1S,2S,5R)-6,6-dichloro-3-azabicyclo[3.1.0]hexane-2-carbonyl-β-amino-α-oxocyclobutanebutanoyl-N-(1-methyl-1-phenylethyl)- (9CI) (CA INDEX NAME)

L4 ANSWER 2 OF 3 HCAPLUS COPYRIGHT 2005 ACS on STN (Continued)
Absolute stereochemistry.



RN 569675-89-4 HCAPLUS
CN Glycinamide,
(2S)-2-cyclohexyl-N-[[[(1,1-dimethylethyl)amino]carbonyl]glycyl-
1-(1S,2S,5R)-6,6-dichloro-3-azabicyclo[3.1.0]hexane-2-carbonyl-β-amino-α-oxocyclobutanebutanoyl-N-(1-methyl-1-phenylethyl)- (9CI) (CA INDEX NAME)

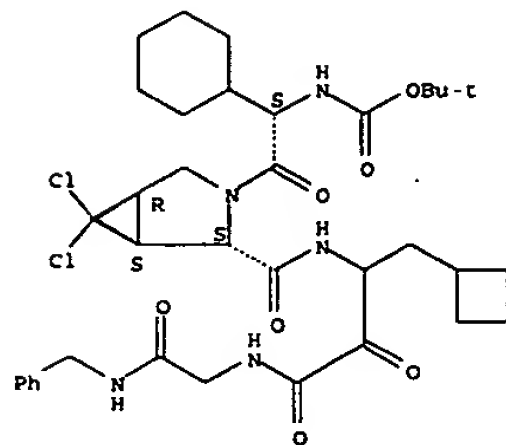
Absolute stereochemistry.



RN 569675-90-7 HCAPLUS
CN Glycinamide, (2S)-2-cyclohexyl-N-[[[(1,1-dimethylethoxy)carbonyl]glycyl-
(1S,2S,5R)-6,6-dichloro-3-azabicyclo[3.1.0]hexane-2-carbonyl-β-amino-α-oxocyclobutanebutanoyl-N-(phenylmethyl)- (9CI) (CA INDEX NAME)

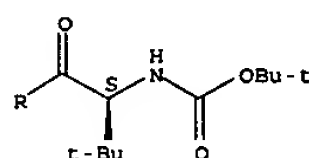
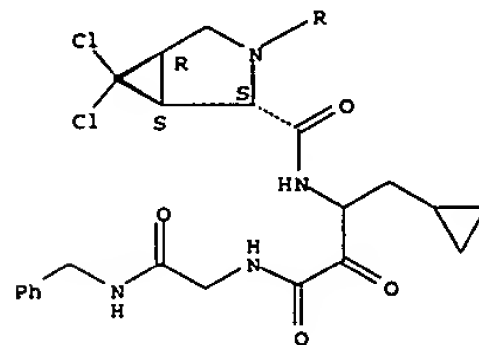
Absolute stereochemistry.

L4 ANSWER 2 OF 3 HCAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 569675-92-9 HCAPLUS
CN Glycinamide,
N-[[[(1,1-dimethylethoxy)carbonyl]-3-methyl-L-valyl-(1S,2S,5R)-
6,6-dichloro-3-azabicyclo[3.1.0]hexane-2-carbonyl-β-amino-α-oxocyclobutanebutanoyl-N-(phenylmethyl)- (9CI) (CA INDEX NAME)

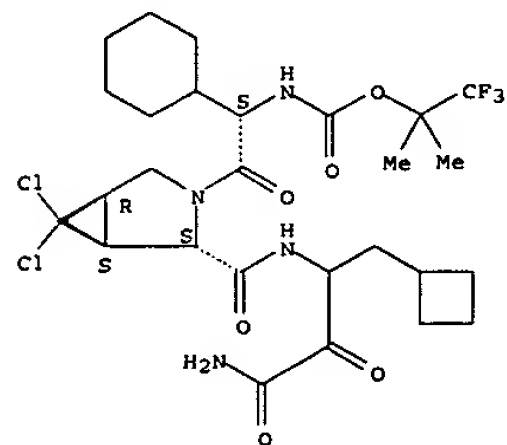
Absolute stereochemistry.



RN 569676-09-1 HCAPLUS
CN Carbamic acid, [(1S)-2-[[[(1S,2S,5R)-2-[[[3-amino-1-(cyclobutylmethyl)-2,3-dioxopropyl]amino]carbonyl]-6,6-dichloro-3-azabicyclo[3.1.0]hex-3-yl]-1-cyclohexyl-2-oxoethyl]-, 2,2,2-trifluoro-1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

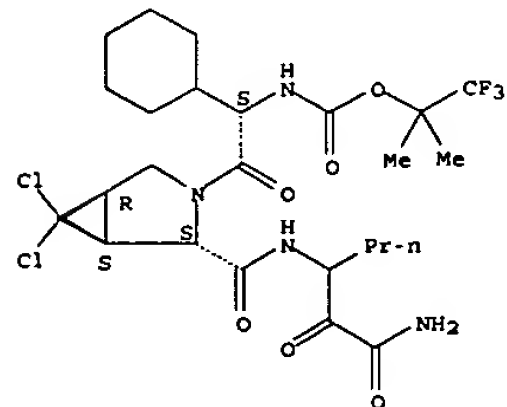
Absolute stereochemistry.

L4 ANSWER 2 OF 3 HCAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 569676-11-5 HCAPLUS
CN Carbamic acid,
[(1S)-2-[[[(1S,2S,5R)-2-[[[1-(aminooxoacetyl)butyl]amino]carbonyl]-6,6-dichloro-3-azabicyclo[3.1.0]hex-3-yl]-1-cyclohexyl-2-oxoethyl]-, 2,2,2-trifluoro-1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

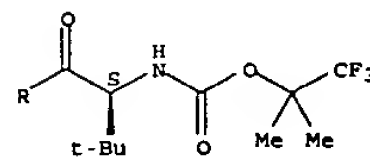
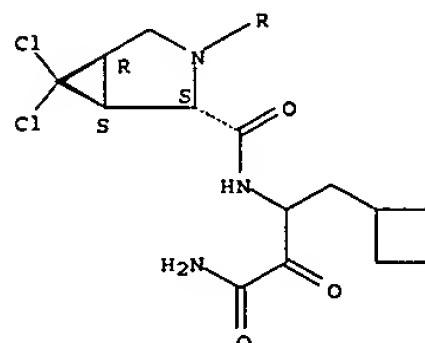
Absolute stereochemistry.



RN 569676-12-6 HCAPLUS
CN Carbamic acid,
[(1S)-1-[[[(1S,2S,5R)-2-[[[3-amino-1-(cyclobutylmethyl)-2,3-dioxopropyl]amino]carbonyl]-6,6-dichloro-3-azabicyclo[3.1.0]hex-3-yl]carbonyl]-2,2-dimethylpropyl]-, 2,2,2-trifluoro-1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

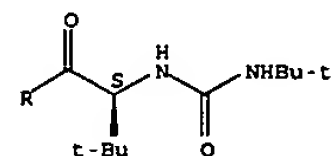
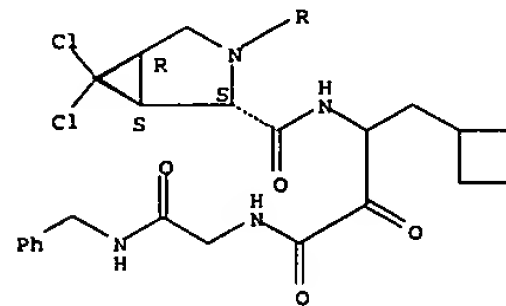
Absolute stereochemistry.

L4 ANSWER 2 OF 3 HCAPLUS COPYRIGHT 2005 ACS on STN (Continued)



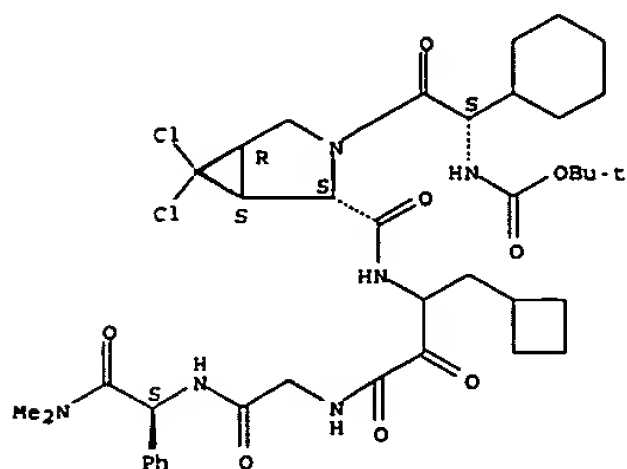
RN 569676-14-8 HCAPLUS
CN Glycinamide, N-[[[(1,1-dimethylethyl)amino]carbonyl]-3-methyl-L-valyl-(1S,2S,5R)-6,6-dichloro-3-azabicyclo[3.1.0]hexane-2-carbonyl-β-amino-α-oxocyclobutanebutanoyl-N-(phenylmethyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



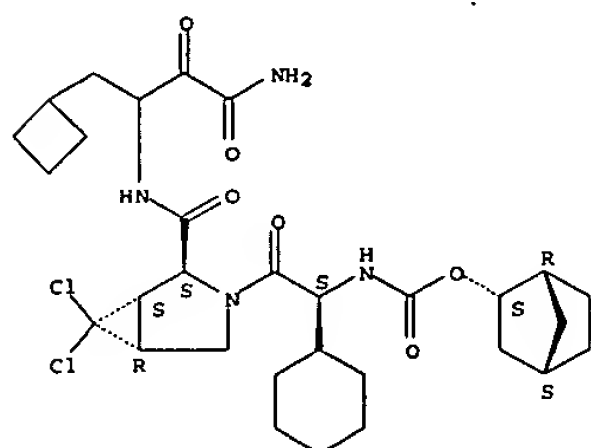
RN 569676-16-0 HCAPLUS
CN Glycinamide, (2S)-2-cyclohexyl-N-[[[(1,1-dimethylethoxy)carbonyl]glycyl-
(1S,2S,5R)-6,6-dichloro-3-azabicyclo[3.1.0]hexane-2-carbonyl-β-amino-α-oxocyclobutanebutanoyl]glycyl-N,N-dimethyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



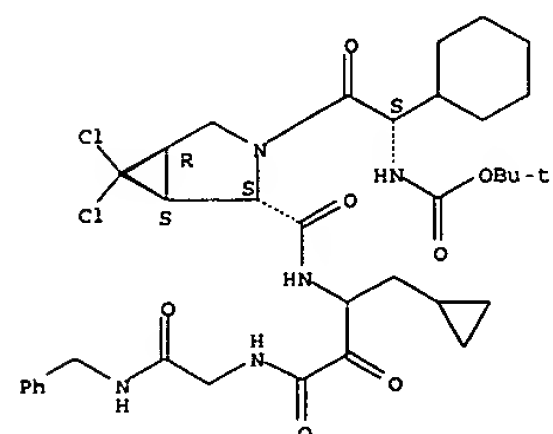
RN 569676-17-1 HCAPLUS
 CN Carbamic acid, [(1S)-2-[(1S,2S,5R)-2-[[[3-amino-1-(cyclobutylmethyl)-2,3-dioxopropyl]amino]carbonyl]-6,6-dichloro-3-azabicyclo[3.1.0]hex-3-yl]-1-cyclohexyl-2-oxoethyl]-, (1R,2S,4S)-bicyclo[2.2.1]hept-2-yl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



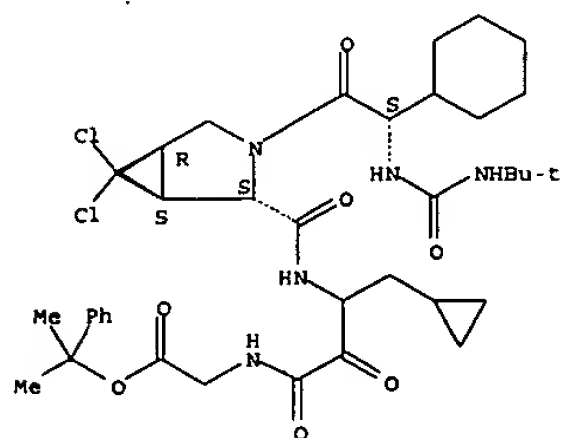
RN 569676-25-1 HCAPLUS
 CN Glycinamide,
 N-[(1,1-dimethylethoxy)carbonyl]-3-methyl-L-valyl- (1S,2S,5R)-6,6-dichloro-3-azabicyclo[3.1.0]hexane-2-carbonyl-β-amino-α-oxocyclopropanebutanoyl-glycyl-N,N-dimethyl-2-phenyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 569676-43-3 HCAPLUS
 CN Glycine, (2S)-2-cyclohexyl-N-[(1,1-dimethylethoxy)carbonyl]glycyl- (1S,2S,5R)-6,6-dichloro-3-azabicyclo[3.1.0]hexane-2-carbonyl-β-amino-α-oxocyclopropanebutanoyl-, 1-methyl-1-phenylethyl ester (9CI) (CA INDEX NAME)

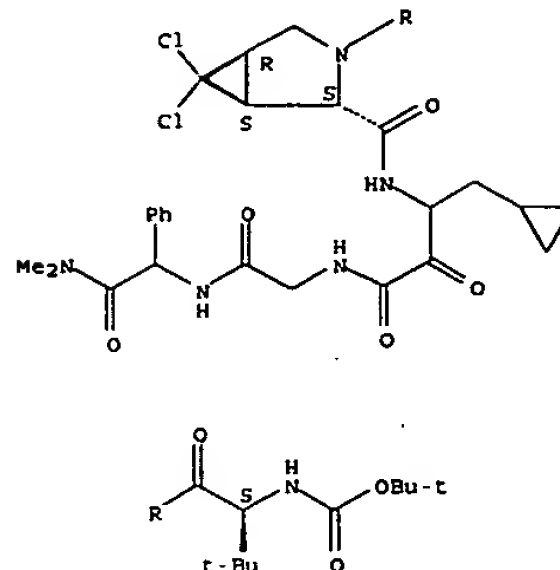
Absolute stereochemistry.



RN 569676-48-8 HCAPLUS
 CN Glycinamide, N-[(1,1-dimethylethoxy)carbonyl]-3-methyl-L-valyl- (1S,2S,5R)-6,6-dichloro-3-azabicyclo[3.1.0]hexane-2-carbonyl-β-amino-α-oxocyclopropanebutanoyl-glycyl-N,N-dimethyl-2-phenyl- (9CI) (CA INDEX NAME)

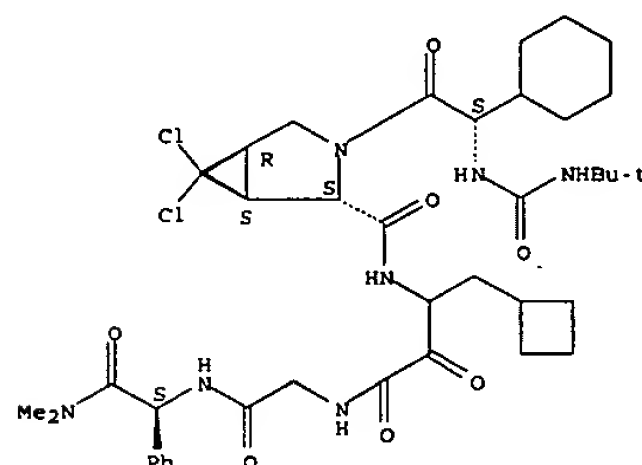
Absolute stereochemistry.

Absolute stereochemistry.



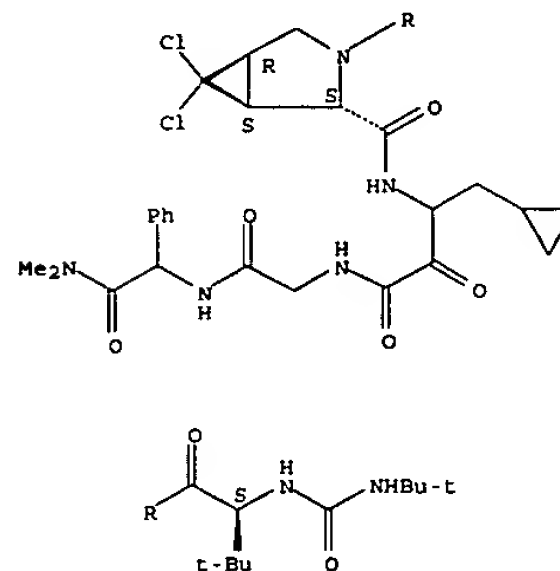
RN 569676-31-9 HCAPLUS
 CN Glycinamide,
 (2S)-2-cyclohexyl-N-[(1,1-dimethylethoxy)carbonyl]glycyl-1-(1S,2S,5R)-6,6-dichloro-3-azabicyclo[3.1.0]hexane-2-carbonyl-β-amino-α-oxocyclopropanebutanoyl-glycyl-N,N-dimethyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



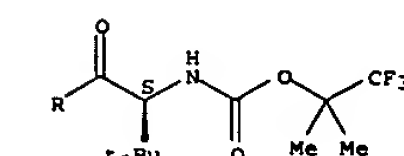
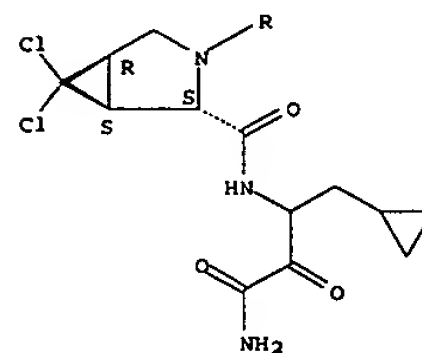
RN 569676-41-1 HCAPLUS
 CN Glycinamide, (2S)-2-cyclohexyl-N-[(1,1-dimethylethoxy)carbonyl]glycyl- (1S,2S,5R)-6,6-dichloro-3-azabicyclo[3.1.0]hexane-2-carbonyl-β-amino-α-oxocyclopropanebutanoyl-N-(phenylmethyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



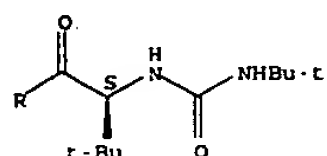
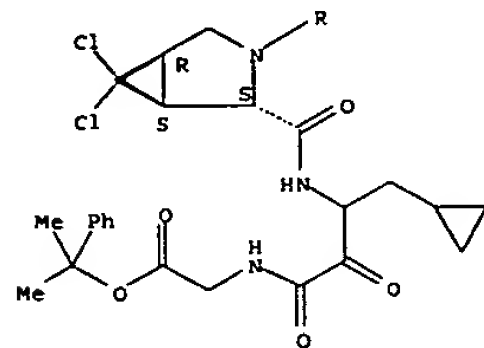
RN 569676-49-9 HCAPLUS
 CN Carbamic acid,
 [(1S)-1-[(1S,2S,5R)-2-[[[3-amino-1-(cyclopropylmethyl)-2,3-dioxopropyl]amino]carbonyl]-6,6-dichloro-3-azabicyclo[3.1.0]hex-3-yl]carbonyl]-2,2-dimethylpropyl-, 2,2,2-trifluoro-1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L4 ANSWER 2 OF 3 HCAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 RN 569676-59-1 HCAPLUS
 CN Glycine, N-[[[(1,1-dimethylethyl)amino]carbonyl]-3-methyl-L-valyl-(1S,2S,5R)-6,6-dichloro-3-azabicyclo[3.1.0]hexane-2-carbonyl-β-amino-α-oxocyclopropanebutanoyl-, 1-methyl-1-phenylethyl ester (9CI) (CA INDEX NAME)

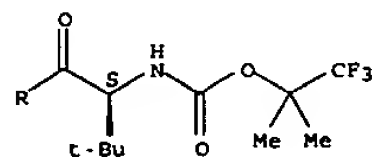
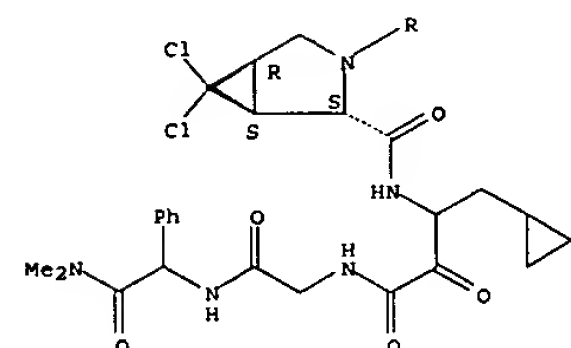
Absolute stereochemistry.



RN 569676-60-4 HCAPLUS
 CN Glycine, N-[[[(1,1-dimethylethyl)amino]carbonyl]-3-methyl-L-valyl-(1S,2S,5R)-6,6-dichloro-3-azabicyclo[3.1.0]hexane-2-carbonyl-β-amino-α-oxocyclobutanebutanoyl-, 1-methyl-1-phenylethyl ester (9CI) (CA INDEX NAME)

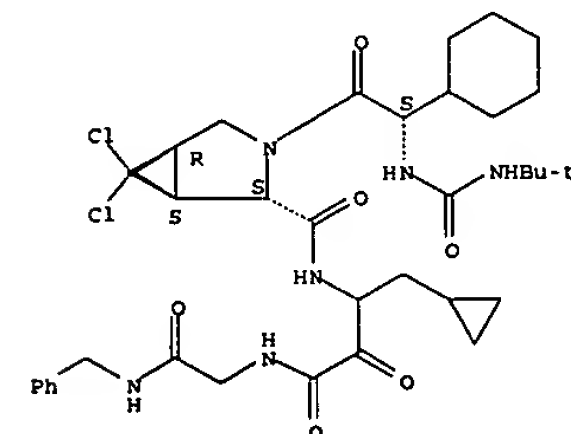
Absolute stereochemistry.

L4 ANSWER 2 OF 3 HCAPLUS COPYRIGHT 2005 ACS on STN (Continued)



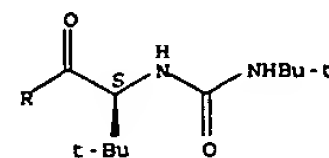
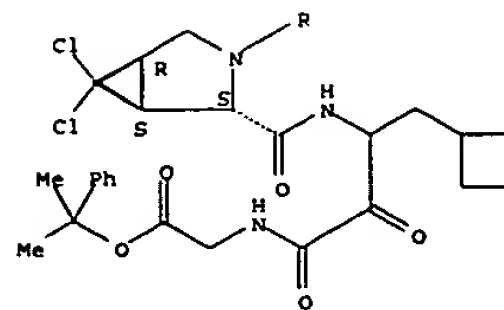
RN 569676-78-4 HCAPLUS
 CN Glycinamide, (2S)-2-cyclohexyl-N-[[[(1,1-dimethylethyl)amino]carbonyl]glycyl-1-(1S,2S,5R)-6,6-dichloro-3-azabicyclo[3.1.0]hexane-2-carbonyl-β-amino-α-oxocyclopropanebutanoyl-N-(phenylmethyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



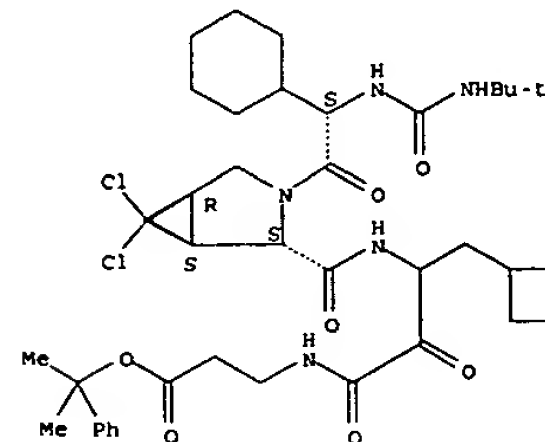
RN 569676-83-1 HCAPLUS
 CN Carbamic acid, [(1S)-2-[(1S,2S,5R)-2-[[[3-amino-1-(cyclobutylmethyl)-2,3-dioxopropyl]amino]carbonyl]-6,6-dichloro-3-azabicyclo[3.1.0]hex-3-yl]-1-(2,3-dihydro-1H-inden-2-yl)-2-oxoethyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

L4 ANSWER 2 OF 3 HCAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 569676-67-1 HCAPLUS
 CN β-Alanine, (2S)-2-cyclohexyl-N-[[[(1,1-dimethylethyl)amino]carbonyl]glycyl-1-(1S,2S,5R)-6,6-dichloro-3-azabicyclo[3.1.0]hexane-2-carbonyl-β-amino-α-oxocyclobutanebutanoyl-, 1-methyl-1-phenylethyl ester (9CI) (CA INDEX NAME)

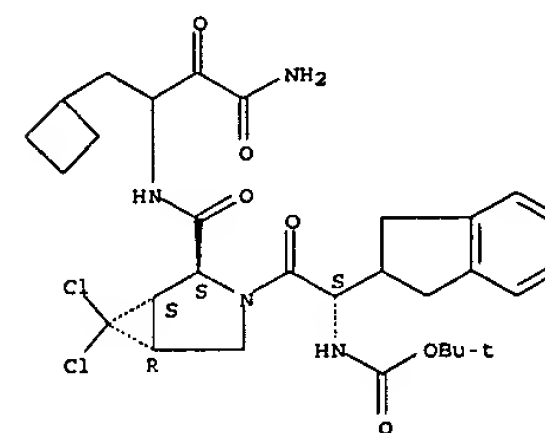
Absolute stereochemistry.



RN 569676-77-3 HCAPLUS
 CN Glycinamide, 3-methyl-N-[(2,2,2-trifluoro-1,1-dimethylethoxy)carbonyl]-L-valyl-(1S,2S,5R)-6,6-dichloro-3-azabicyclo[3.1.0]hexane-2-carbonyl-β-amino-α-oxocyclopropanebutanoyl-glycyl-N,N-dimethyl-2-phenyl- (9CI) (CA INDEX NAME)

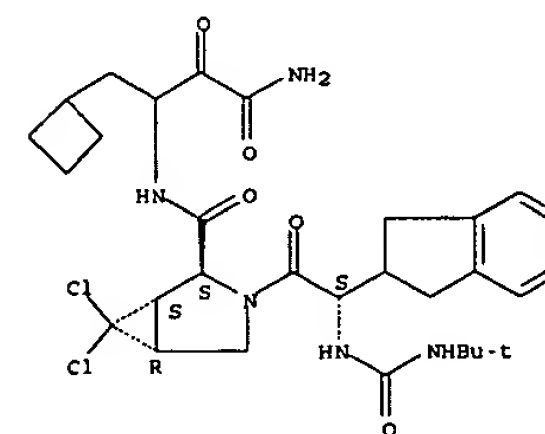
Absolute stereochemistry.

L4 ANSWER 2 OF 3 HCAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 Absolute stereochemistry.



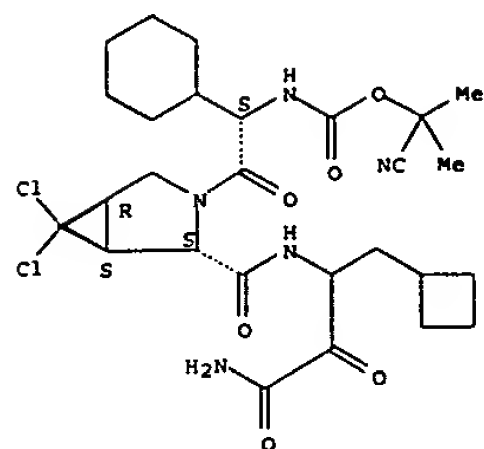
RN 569676-88-6 HCAPLUS
 CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide, N-[3-amino-1-(cyclobutylmethyl)-2,3-dioxopropyl]-6,6-dichloro-3-[(2S)-(2,3-dihydro-1H-inden-2-yl)]-[[[(1,1-dimethylethyl)amino]carbonyl]amino]acetyl-, (1S,2S,5R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



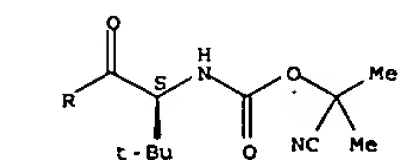
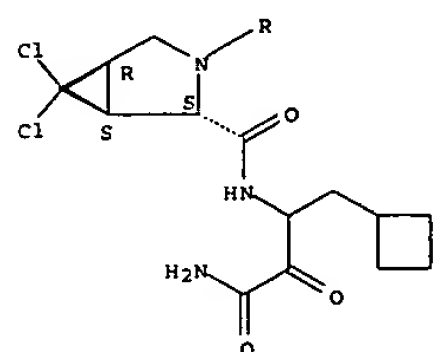
RN 569676-93-3 HCAPLUS
 CN Carbamic acid, [(1S)-2-[(1S,2S,5R)-2-[[[3-amino-1-(cyclobutylmethyl)-2,3-dioxopropyl]amino]carbonyl]-6,6-dichloro-3-azabicyclo[3.1.0]hex-3-yl]-1-(2,3-dihydro-1H-inden-2-yl)-2-oxoethyl]-, 1-cyano-1-methylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 569676-94-4 HCAPLUS
 CN Carbamic acid,
 [(1S)-1-[[[(1S,2S,5R)-2-[[[3-amino-1-(cyclobutylmethyl)-2,3-dioxopropyl]amino]carbonyl]-6,6-dichloro-3-azabicyclo[3.1.0]hex-3-yl]carbonyl]-2,2-dimethylpropyl]-, 1-cyano-1-methylethyl ester (9CI) (CA INDEX NAME)

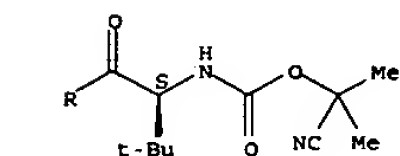
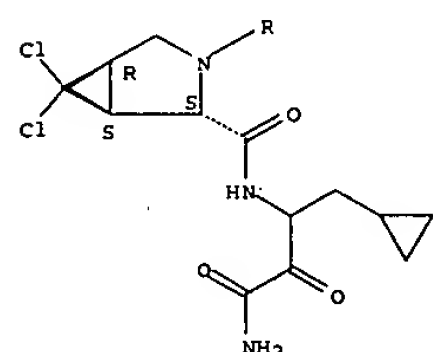
Absolute stereochemistry.



RN 569676-98-8 HCAPLUS
 CN Propanoic acid,
 2-[[[(1S)-2-[(1S,2S,5R)-2-[[[3-amino-1-(cyclobutylmethyl)-2,3-dioxopropyl]amino]carbonyl]-6,6-dichloro-3-azabicyclo[3.1.0]hex-3-yl]-1-cyclohexyl-2-oxoethyl]amino]carbonyl]oxy]-2-methyl-, methyl ester (9CI)

L4 ANSWER 2 OF 3 HCAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 dioxopropyl]amino]carbonyl]-6,6-dichloro-3-azabicyclo[3.1.0]hex-3-yl]-1-cyclohexyl-2-oxoethyl]amino]carbonyl]oxy]-2-methyl-, methyl ester (9CI) (CA INDEX NAME)

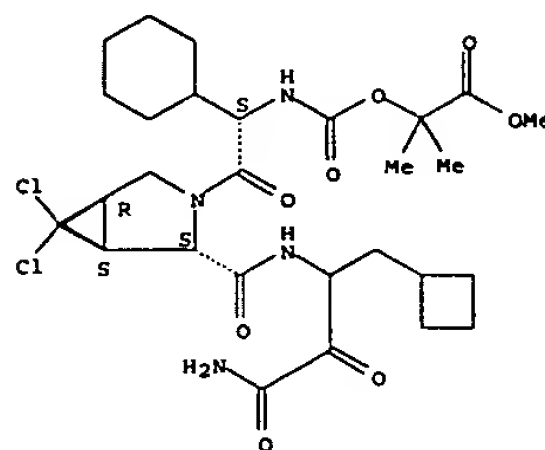
Absolute stereochemistry.



RN 569677-02-7 HCAPLUS
 CN Propanoic acid, 2-[[[(1S)-1-[[[(1S,2S,5R)-2-[[[3-amino-1-(cyclopropylmethyl)-2,3-dioxopropyl]amino]carbonyl]-6,6-dichloro-3-azabicyclo[3.1.0]hex-3-yl]carbonyl]-2,2-dimethylpropyl]amino]carbonyl]oxy]-2-methyl-, methyl ester (9CI) (CA INDEX NAME)

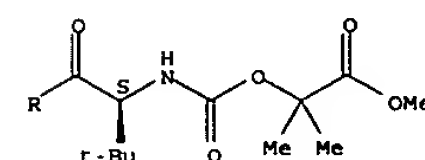
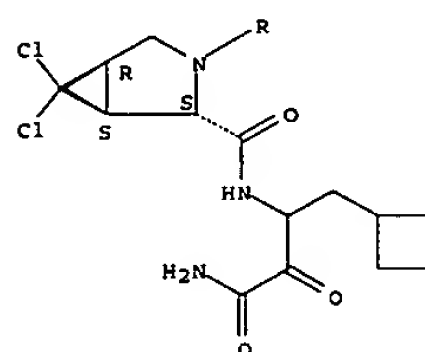
Absolute stereochemistry.

Absolute stereochemistry.

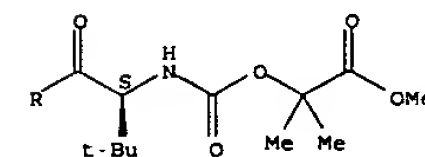
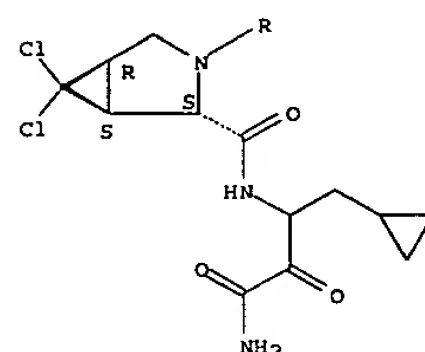


RN 569676-99-9 HCAPLUS
 CN Propanoic acid, 2-[[[(1S)-1-[[[(1S,2S,5R)-2-[[[3-amino-1-(cyclobutylmethyl)-2,3-dioxopropyl]amino]carbonyl]-6,6-dichloro-3-azabicyclo[3.1.0]hex-3-yl]carbonyl]-2,2-dimethylpropyl]amino]carbonyl]oxy]-2-methyl-, methyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

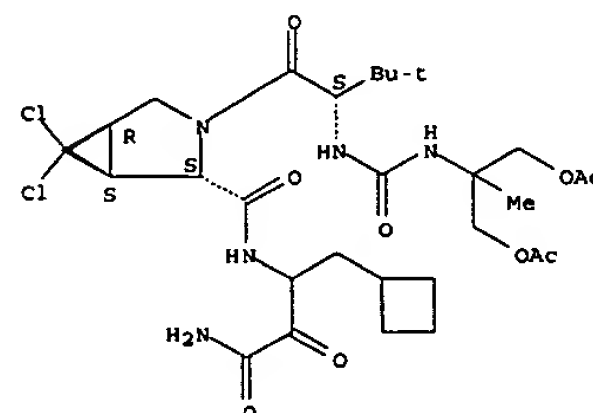


RN 569677-01-6 HCAPLUS
 CN Carbamic acid,
 [(1S)-1-[[[(1S,2S,5R)-2-[[[3-amino-1-(cyclopropylmethyl)-2,3-



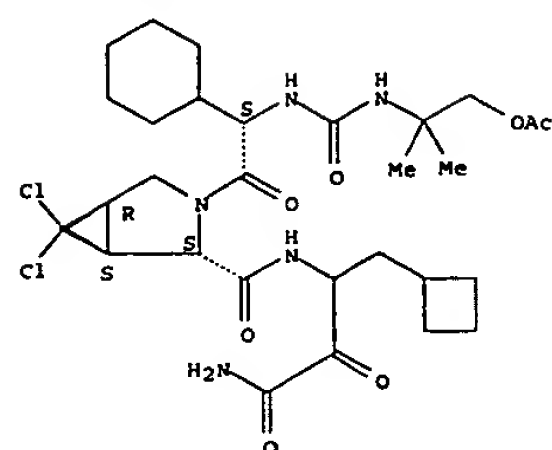
RN 569677-14-1 HCAPLUS
 CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide, 3-[(2S)-2-[[[(2-(acetyloxy)-1-[(acetyloxy)methyl]-1-methylethyl]amino]carbonyl]amino]-3,3-dimethyl-1-oxobutyl]-N-[3-amino-1-(cyclobutylmethyl)-2,3-dioxopropyl]-6,6-dichloro-, (1S,2S,5R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



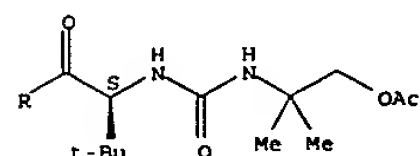
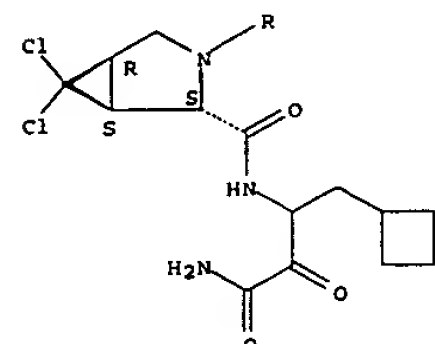
RN 569677-15-2 HCAPLUS
 CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide, 3-[(2S)-[[[(2-(acetyloxy)-1,1-dimethylethyl]amino]carbonyl]amino]cyclohexylacetyl]-N-[3-amino-1-(cyclobutylmethyl)-2,3-dioxopropyl]-6,6-dichloro-, (1S,2S,5R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 569677-18-5 HCAPLUS
 CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide, 3-((2S)-2-(((2-(acetyloxy)-1,1-dimethylethyl)amino)carbonyl)amino)-3,3-dimethyl-1-oxobutyl)-N-[3-amino-1-(cyclobutylmethyl)-2,3-dioxopropyl]-6,6-dichloro-, (1S,2S,5R)-(9CI) (CA INDEX NAME)

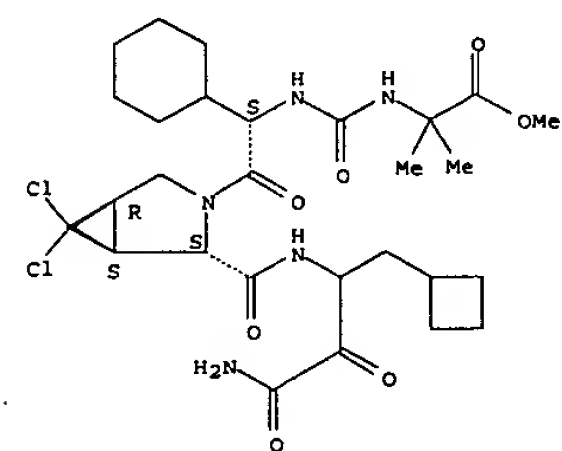
Absolute stereochemistry.



RN 569677-19-6 HCAPLUS
 CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide, N-[3-amino-1-(cyclobutylmethyl)-2,3-dioxopropyl]-6,6-dichloro-3-((2S)-2-(((2-hydroxy-1-(hydroxymethyl)-1-methylethyl)amino)carbonyl)amino)-3,3-dimethyl-1-oxobutyl)-, (1S,2S,5R)-(9CI) (CA INDEX NAME)

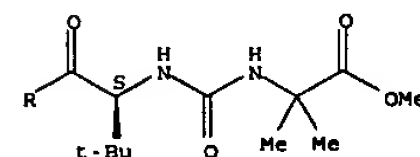
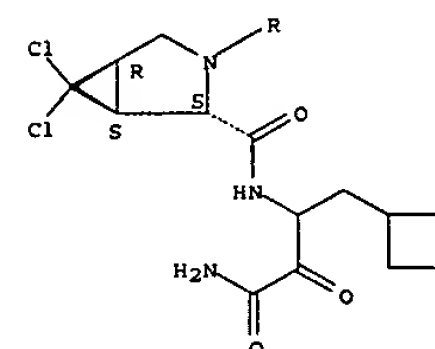
L4 ANSWER 2 OF 3 HCAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 cyclohexyl-2-oxoethyl]amino]carbonyl]-2-methyl-, methyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

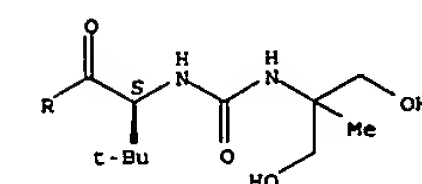
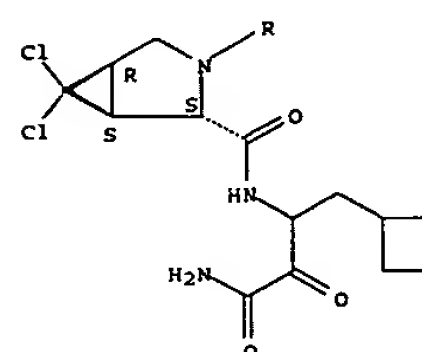


RN 569677-27-6 HCAPLUS
 CN Alanine, N-[[[(1S)-1-[[[(1S,2S,5R)-2-[[[3-amino-1-(cyclobutylmethyl)-2,3-dioxopropyl]amino]carbonyl]-6,6-dichloro-3-azabicyclo[3.1.0]hex-3-yl]carbonyl]-2,2-dimethylpropyl]amino]carbonyl]-2-methyl-, methyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

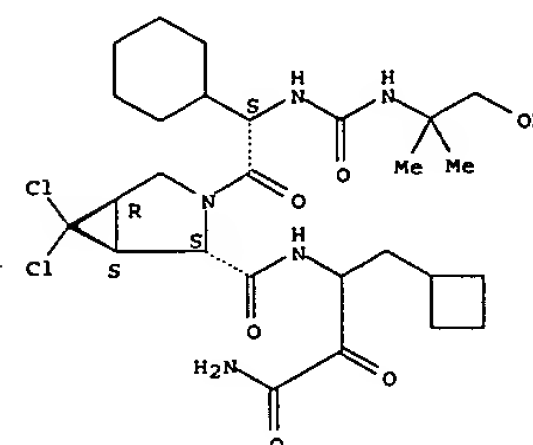


RN 569677-31-2 HCAPLUS
 CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide, N-[3-amino-1-(cyclobutylmethyl)-2,3-dioxopropyl]-6,6-dichloro-3-((2S)-3,3-dimethyl-1-oxo-2-[[[(1,2,2-



RN 569677-20-9 HCAPLUS
 CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide, N-[3-amino-1-(cyclobutylmethyl)-2,3-dioxopropyl]-6,6-dichloro-3-((2S)-cyclohexyl[[[(2-hydroxy-1,1-dimethylethyl)amino]carbonyl]amino]acetyl)-, (1S,2S,5R)-(9CI) (CA INDEX NAME)

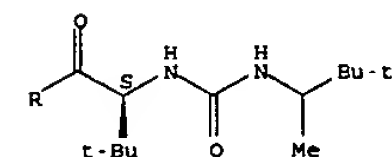
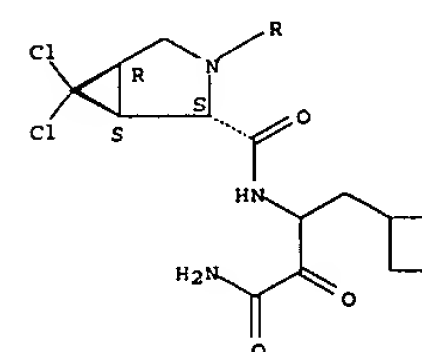
Absolute stereochemistry.



RN 569677-26-5 HCAPLUS
 CN Alanine, N-[[[(1S)-2-[[[(1S,2S,5R)-2-[[[3-amino-1-(cyclobutylmethyl)-2,3-dioxopropyl]amino]carbonyl]-6,6-dichloro-3-azabicyclo[3.1.0]hex-3-yl]-1-

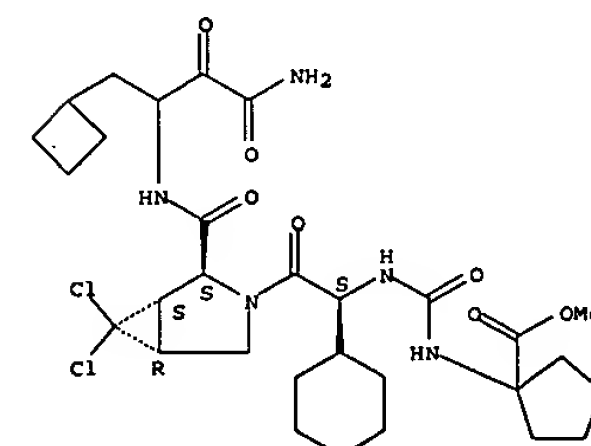
L4 ANSWER 2 OF 3 HCAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 trimethylpropyl]amino]carbonyl]amino]butyl]-, (1S,2S,5R)-(9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 569677-32-3 HCAPLUS
 CN Cyclopentanecarboxylic acid, 1-[[[(1S)-2-[[[(1S,2S,5R)-2-[[[3-amino-1-(cyclobutylmethyl)-2,3-dioxopropyl]amino]carbonyl]-6,6-dichloro-3-azabicyclo[3.1.0]hex-3-yl]-1-cyclohexyl-2-oxoethyl]amino]carbonyl]amino]-, methyl ester (9CI) (CA INDEX NAME)

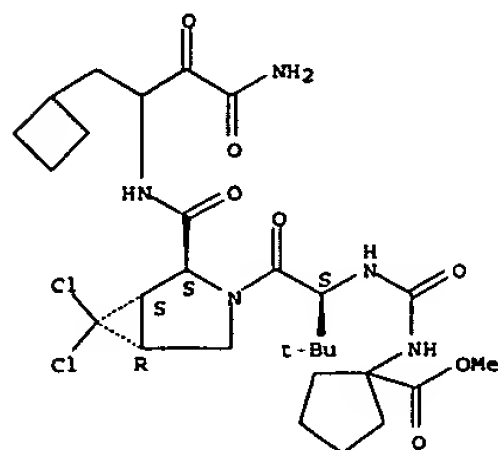
Absolute stereochemistry.



RN 569677-35-6 HCAPLUS

L4 ANSWER 2 OF 3 HCAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 CN Cyclopentanecarboxylic acid, 1-[[[[(1S)-1-[[[(1S,2S,5R)-2-[[[3-amino-1-(cyclobutylmethyl)-2,3-dioxopropyl]amino]carbonyl]-6,6-dichloro-3-azabicyclo[3.1.0]hex-3-yl]carbonyl]-2,2-dimethylpropyl]amino]carbonyl]amino]-, methyl ester (9CI) (CA INDEX NAME)

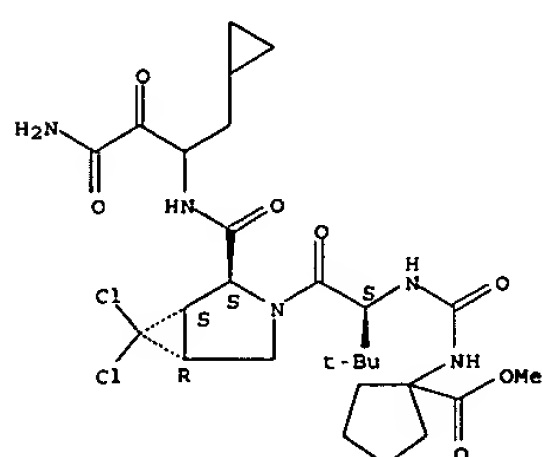
Absolute stereochemistry.



RN 569677-36-7 HCAPLUS
 CN Cyclopentanecarboxylic acid, 1-[[[[(1S)-1-[[[(1S,2S,5R)-2-[[[3-amino-1-(cyclopropylmethyl)-2,3-dioxopropyl]amino]carbonyl]-6,6-dichloro-3-

azabicyclo[3.1.0]hex-3-yl]carbonyl]-2,2-dimethylpropyl]amino]carbonyl]amino]-, methyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

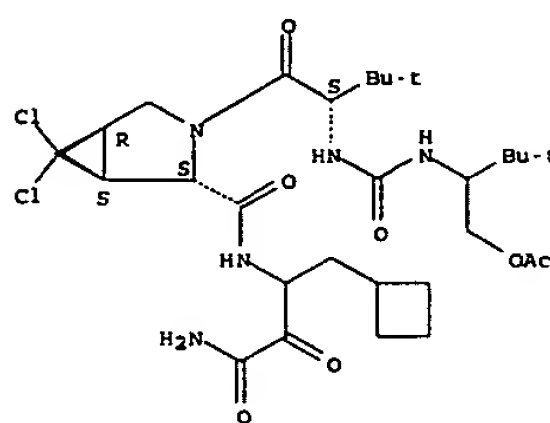


RN 569677-37-8 HCAPLUS
 CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide, 3-[(2S)-2-[[[1-[(acetyloxy)methyl]-2,2-dimethylpropyl]amino]carbonyl]amino]-3,3-dimethyl-

L4 ANSWER 2 OF 3 HCAPLUS COPYRIGHT 2005 ACS on STN (Continued)

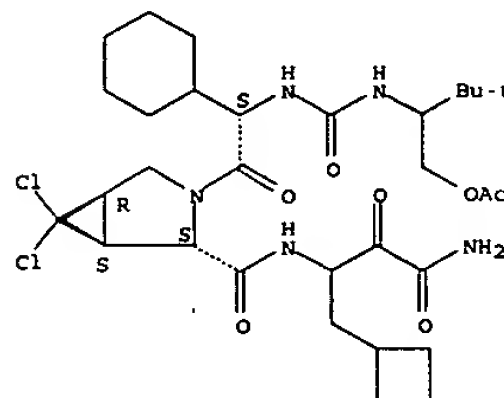
1-oxobutyl]-N-[3-amino-1-(cyclobutylmethyl)-2,3-dioxopropyl]-6,6-dichloro-, (1S,2S,5R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 569677-46-9 HCAPLUS
 CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide, 3-[(2S)-[[[1-[(acetyloxy)methyl]-2,2-dimethylpropyl]amino]carbonyl]amino]cyclohexylacetyl]-N-[3-amino-1-(cyclobutylmethyl)-2,3-dioxopropyl]-6,6-dichloro-, (1S,2S,5R)- (9CI) (CA INDEX NAME)

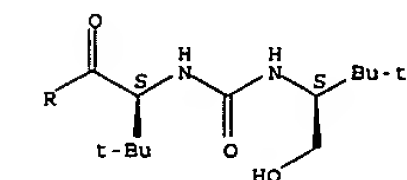
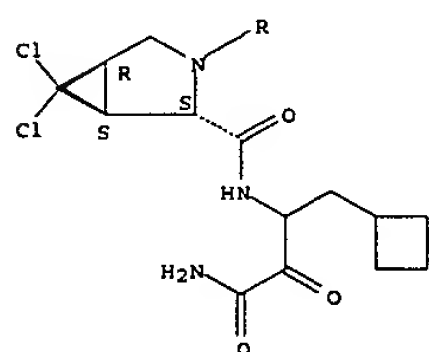
Absolute stereochemistry.



RN 569677-47-0 HCAPLUS
 CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide, N-[3-amino-1-(cyclobutylmethyl)-2,3-dioxopropyl]-6,6-dichloro-3-[(2S)-2-[[[1-(hydroxymethyl)-2,2-dimethylpropyl]amino]carbonyl]amino]-3,3-dimethyl-1-oxobutyl]-, (1S,2S,5R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

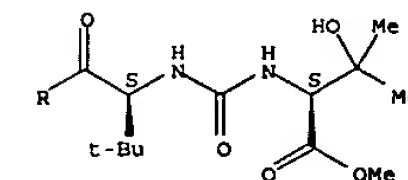
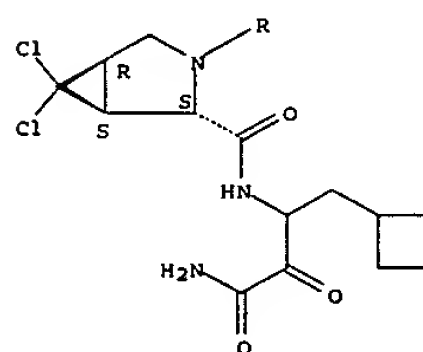
L4 ANSWER 2 OF 3 HCAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 569677-56-1 HCAPLUS
 CN L-Valine, N-[[[[(1S)-1-[[[(1S,2S,5R)-2-[[[3-amino-1-(cyclobutylmethyl)-2,3-dioxopropyl]amino]carbonyl]-6,6-dichloro-3-azabicyclo[3.1.0]hex-3-yl]carbonyl]-2,2-dimethylpropyl]amino]carbonyl]-3-hydroxy-, methyl ester (9CI) (CA INDEX NAME)

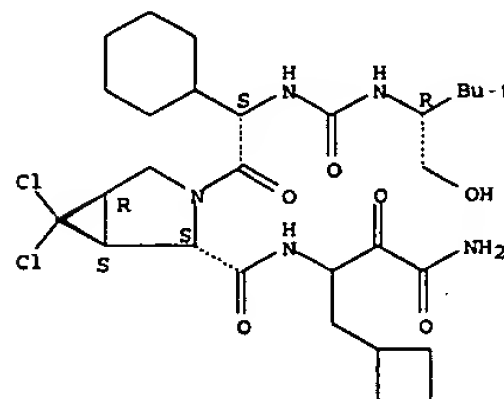
Absolute stereochemistry.

L4 ANSWER 2 OF 3 HCAPLUS COPYRIGHT 2005 ACS on STN (Continued)



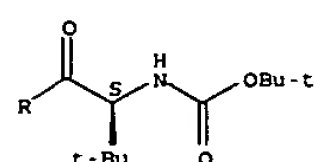
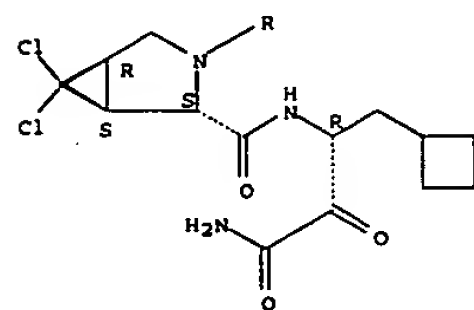
RN 569677-58-3 HCAPLUS
 CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide, N-[3-amino-1-(cyclobutylmethyl)-2,3-dioxopropyl]-6,6-dichloro-3-[(2S)-cyclohexyl[[[1-(hydroxymethyl)-2,2-dimethylpropyl]amino]carbonyl]amino]acetyl]-, (1S,2S,5R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



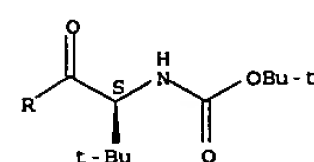
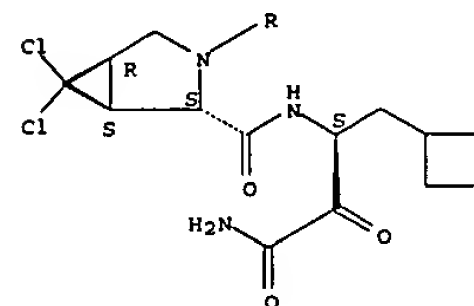
RN 569677-59-4 HCAPLUS
 CN Carbamic acid, [(1S)-1-[[[(1S,2S,5R)-2-[[[1-(3-amino-1-(cyclobutylmethyl)-2,3-dioxopropyl]amino]carbonyl]-6,6-dichloro-3-azabicyclo[3.1.0]hex-3-yl]carbonyl]-2,2-dimethylpropyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

L4 ANSWER 2 OF 3 HCAPLUS COPYRIGHT 2005 ACS on STN (Continued)
Absolute stereochemistry.



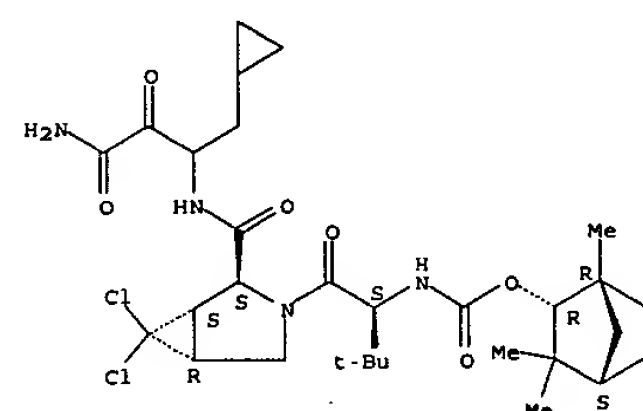
RN 569677-60-7 HCAPLUS
CN Carbamic acid,
[[1S]-1-[[[1S,2S,5R]-2-[[[1S]-3-amino-1-(cyclobutylmethyl)-
2,3-dioxopropyl]amino]carbonyl]-6,6-dichloro-3-azabicyclo[3.1.0]hex-3-
yl]carbonyl]-2,2-dimethylpropyl]-, 1,1-dimethylethyl ester (9CI) (CA
INDEX NAME)

Absolute stereochemistry.



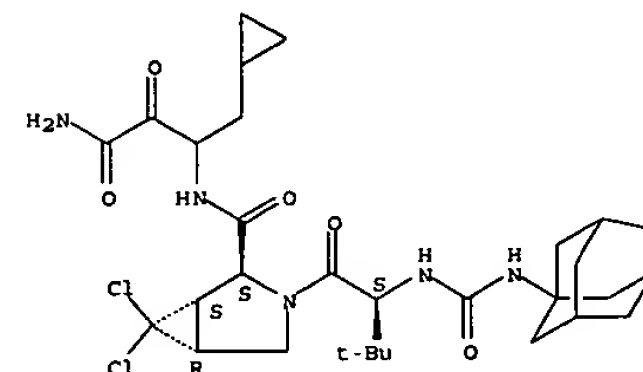
RN 569677-80-1 HCAPLUS
CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide,
N-[3-amino-1-(cyclopropylmethyl)-
2,3-dioxopropyl]-6,6-dichloro-3-[(2S)-2-[[[1S]-1-(methoxymethyl)-2,2-
trimethylbicyclo[2.2.1]hept-2-yl ester (9CI) (CA INDEX NAME)

L4 ANSWER 2 OF 3 HCAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 569678-50-8 HCAPLUS
CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide,
N-[3-amino-1-(cyclopropylmethyl)-
2,3-dioxopropyl]-6,6-dichloro-3-[(2S)-3,3-dimethyl-1-oxo-2-
[[[tricyclo[3.3.1.1.3,7]dec-1-ylamino]carbonyl]amino]butyl]-, (1S,2S,5R)-
(9CI) (CA INDEX NAME)

Absolute stereochemistry.

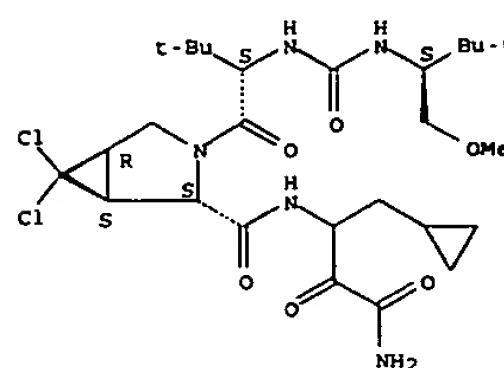


RN 569678-51-9 HCAPLUS
CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide, N-[3-amino-1-(cyclobutylmethyl)-
2,3-dioxopropyl]-6,6-dichloro-3-[(2S)-3,3-dimethyl-1-oxo-2-
[[[tricyclo[3.3.1.1.3,7]dec-1-ylamino]carbonyl]amino]butyl]-, (1S,2S,5R)-
(9CI) (CA INDEX NAME)

Absolute stereochemistry.

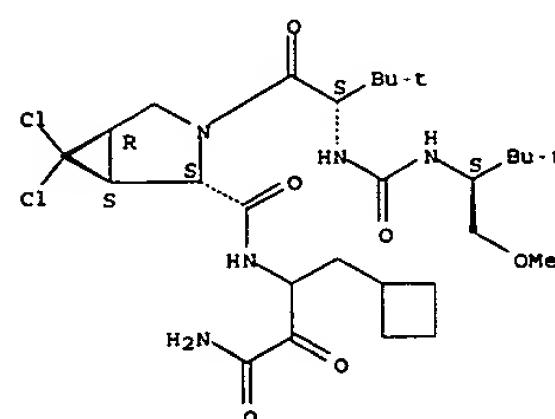
L4 ANSWER 2 OF 3 HCAPLUS COPYRIGHT 2005 ACS on STN (Continued)
dimethylpropyl]amino]carbonyl]amino]-3,3-dimethyl-1-oxobutyl]-,
(1S,2S,5R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 569677-81-2 HCAPLUS
CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide, N-[3-amino-1-(cyclobutylmethyl)-
2,3-dioxopropyl]-6,6-dichloro-3-[(2S)-2-[[[1S]-1-(methoxymethyl)-2,2-
dimethylpropyl]amino]carbonyl]amino]-3,3-dimethyl-1-oxobutyl]-,
(1S,2S,5R)- (9CI) (CA INDEX NAME)

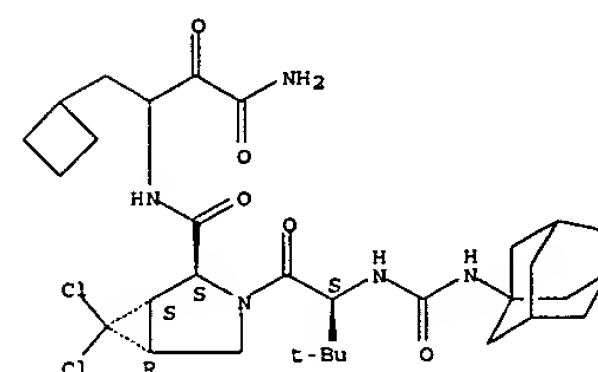
Absolute stereochemistry.



RN 569678-43-9 HCAPLUS
CN Carbamic acid,
[[1S]-1-[[[1S,2S,5R]-2-[[[3-amino-1-(cyclopropylmethyl)-2,3-
dioxopropyl]amino]carbonyl]-6,6-dichloro-3-azabicyclo[3.1.0]hex-3-
yl]carbonyl]-2,2-dimethylpropyl]-, (1R,2R,4S)-1,3,3-
trimethylbicyclo[2.2.1]hept-2-yl ester (9CI) (CA INDEX NAME)

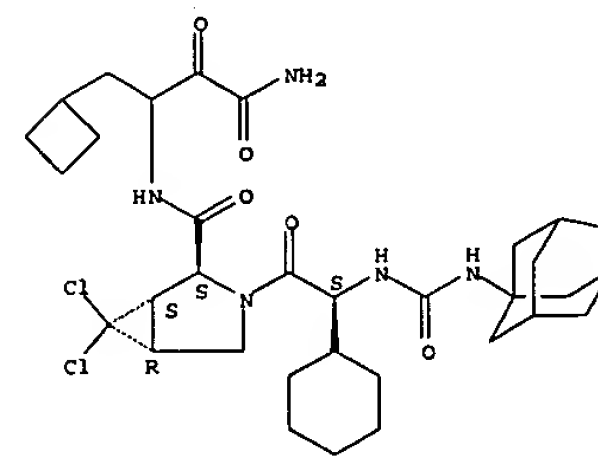
Absolute stereochemistry.

L4 ANSWER 2 OF 3 HCAPLUS COPYRIGHT 2005 ACS on STN (Continued)



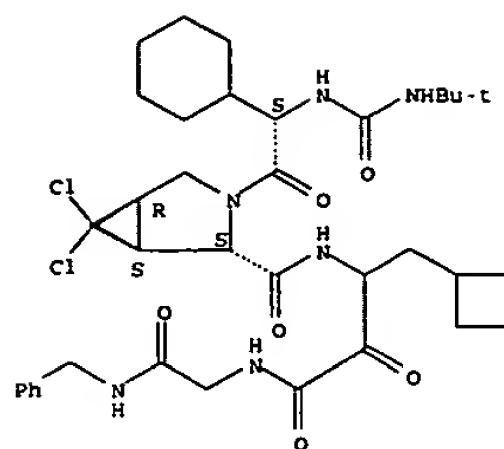
RN 569678-52-0 HCAPLUS
CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide, N-[3-amino-1-(cyclobutylmethyl)-
2,3-dioxopropyl]-6,6-dichloro-3-[(2S)-cyclohexyl[[[tricyclo[3.3.1.1.3,7]dec-
1-ylamino]carbonyl]amino]acetyl]-, (1S,2S,5R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 569682-38-8 HCAPLUS
CN Glycinamide,
(2S)-2-cyclohexyl-N-[[[1,1-dimethylethyl]amino]carbonyl]glycyl
1-(1S,2S,5R)-6,6-dichloro-3-azabicyclo[3.1.0]hexane-2-carbonyl-β-
amino-α-oxocyclobutanecarboxyl-N-(phenylmethyl)- (9CI) (CA INDEX
NAME)

Absolute stereochemistry.

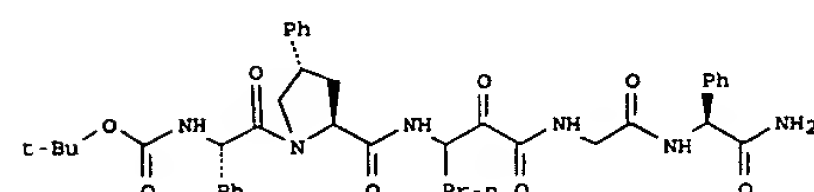
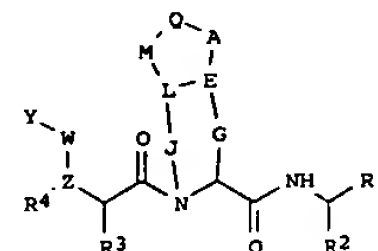


L4 ANSWER 3 OF 3 HCAPLUS COPYRIGHT 2005 ACS on STN
 2002:90062 Document No. 136:167698 Preparation of peptides as NS3-serine protease inhibitors of hepatitis C virus. Saksena, Anil K.; Girijavallabhan, Viyyoor Moopil; Lovey, Raymond G.; Jao, Edwin E.; Bennett, Frank; McCormick, Jinping L.; Wang, Haiyan; Pike, Russell E.; Bogen, Stephane L.; Chan, Tin-Yau; Liu, Yi-Tsung; Zhu, Zhaoning; Njoroge, F. George; Arasappan, Ashok; Parekh, Tejal N.; Ganguly, Ashit K.; Chen, Kevin X.; Venkatraman, Srikanth; Vaccaro, Henry A.; Pinto, Patrick A.; Santhanam, Bama; Wu, Wanli; Hendrata, Siska; Huang, Yuhua; Kemp, Scott Jeffrey; Levy, Odile Esther; Lim-Wilby, Marguerita; Tamura, Susan Y. (Schering Corporation, USA; Corvas International, Inc.). PCT Int. Appl. WO 2002008244 A2 20020131. 536 pp. DESIGNATED STATES: W: AE, AG, AL,

AM,

AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, HR, HU, ID, IL, IN, IS, JP, KG, KR, KZ, LC, LK, LR, LT, LU, LV, MA, MD, MG, MK, MN, MX, MZ, NO, NZ, PL, PT, RO, RU, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UZ, VN, YU, ZA; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR. (English). CODEN: PIXXD2. APPLICATION: WO 2001-US22678 20010719. PRIORITY: US 2000-PV220108 20000721.

GI



AB Peptides I were prepared wherein Y is alkyl, alkyl-aryl, heteroaryl, heteroalkyl, heteroaryl, aryl-heteroaryl, alkylheteroaryl, cycloalkyl, alkyloxy, alkylaryloxy, aryloxy, heteroaryloxy, heterocycloalkyloxy, cycloalkyloxy, alkylamino, arylamino, alkylarylamino, arylamino, heteroarylamino, cycloalkylamino and heterocycloalkylamino; R1 is acyl, borate; Z is selected from O, N, CH or CR; W, Q, G, J, L, M independently maybe present or absent; W is C=O, C=S, C(=N-CN), or SO; Q is CH, N, P, alkylidene, O, amine, S, or SO; A is O, CH, alkylidene, amine, S, SO or bond; E is CH, N, alkylidene, or double bond; G is alkylidene; J is alkylidene, SO, NH, NR, O; L is CH, alkylidene, O, S or NR; M is O, NR, S, SO, alkylidene; p is 0 to 6; and R-R4 are independently selected from the group consisting of H; alkyl; alkenyl; cycloalkyl; heterocycloalkyl, alkoxy, aryloxy, alkylthio, arylthio, amino, amido, ester, carboxylic

L4 ANSWER 3 OF 3 HCAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 acid, carbamate, urea, ketone, aldehyde, cyano, nitro, halogen; (cycloalkyl)alkyl and (heterocycloalkyl)alkyl, which have HCV protease inhibitory activity as well as methods for prepg. such compds. In another embodiment, the invention discloses pharmaceutical compns. comprising such compds. as well as methods of using them to treat disorders assocd. with the HCV protease. Thus peptide II was prepd. and tested as antiviral agent and NS3-serine protease inhibitors of hepatitis C virus with Ki ranges in category A = 1-100 nM; category B = 101-1,000 nM; category C > 1000 nM. Also disclosed is the use of I for the manuf. of a medicament for treating HCV, AIDS, and related disorders.

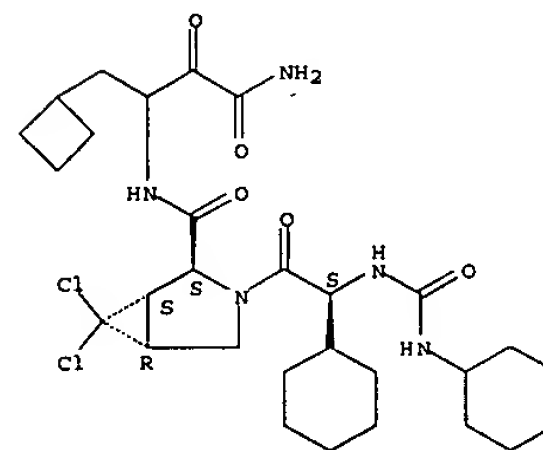
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 395660-85-2P

RL: IMP (Industrial manufacture); PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of peptides as NS3-serine protease inhibitors of hepatitis C virus)

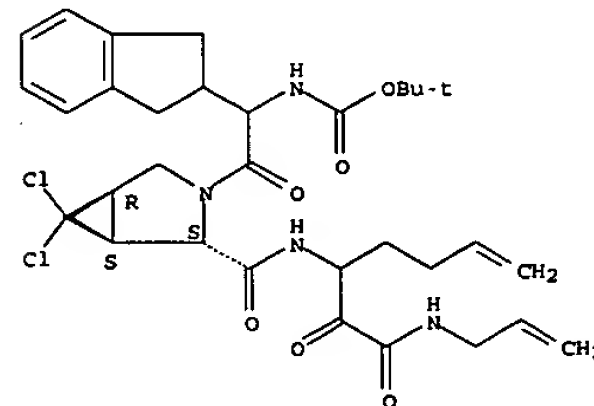
RN 394724-48-2 HCAPLUS
 CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide, N-[3-amino-1-(cyclobutylmethyl)-2,3-dioxopropyl]-6,6-dichloro-3-[(2S)-cyclohexyl]((cyclohexylamino)carbonyl)amino]acetyl]-. (1S,2S,5R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



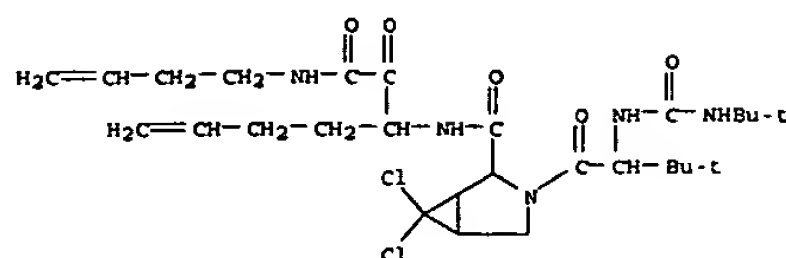
RN 394727-53-8 HCAPLUS
 CN Carbamic acid, [2-[(1S,2S,5R)-6,6-dichloro-2-[[[1-oxo(2-propenylamino)acetyl]-4-pentenyl]amino]carbonyl]-3-azabicyclo[3.1.0]hex-3-yl]-1-(2,3-dihydro-1H-inden-2-yl)-2-oxoethyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

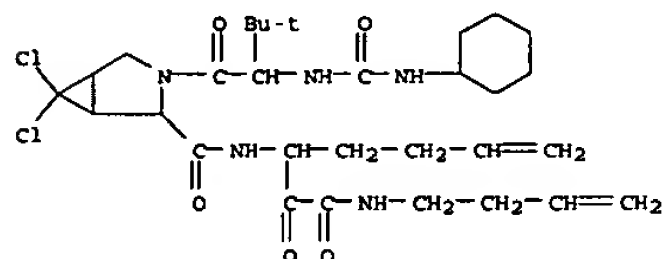


RN 394727-69-6 HCAPLUS
 CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide, N-[1-[(3-butenylamino)oxoacetyl]-

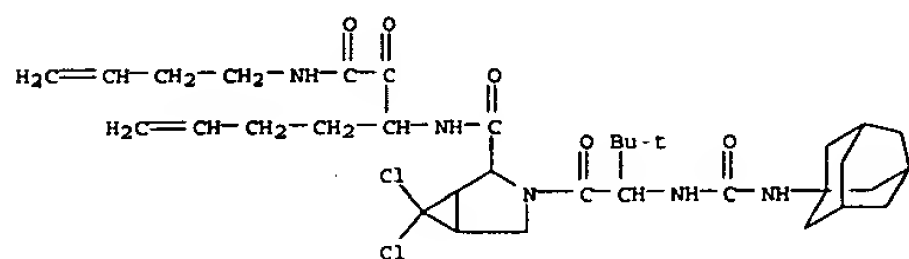
4-pentenyl]-6,6-dichloro-3-[2-[[[1,1-dimethylethyl]amino]carbonyl]amino]-3,3-dimethyl-1-oxobutyl]- (9CI) (CA INDEX NAME)



RN 394727-70-9 HCAPLUS
 CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide,
 N-[1-[(3-butenylamino)oxoacetyl]-
 4-pentenyl]-6,6-dichloro-3-[[[(cyclohexylamino)carbonyl]amino]-3,3-
 dimethyl-1-oxobutyl]- (9CI) (CA INDEX NAME)



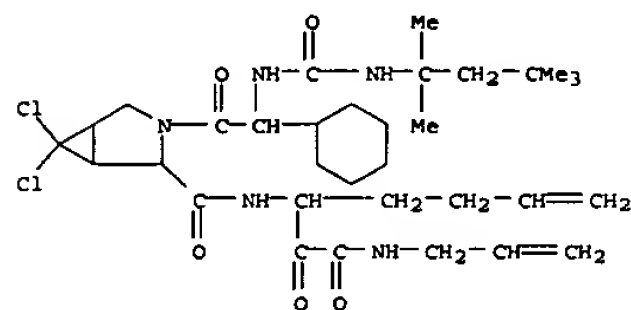
RN 394727-71-0 HCAPLUS
 CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide,
 N-[1-[(3-butenylamino)oxoacetyl]-
 4-pentenyl]-6,6-dichloro-3-[[[(3,3-dimethyl-1-oxo-2-
 [[[(tricyclo[3.3.1.1.3,7]dec-1-ylamino)carbonyl]amino]butyl]- (9CI) (CA
 INDEX NAME)



RN 394727-73-2 HCAPLUS
 CN Carbamic acid, [2-[2-[[[1-[(3-butenylamino)oxoacetyl]-4-
 pentenyl]amino]carbonyl]-6,6-dichloro-3-azabicyclo[3.1.0]hex-3-yl]-1-
 cyclohexyl-2-oxoethyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 394728-02-0 HCAPLUS
 CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide, 6,6-dichloro-3-

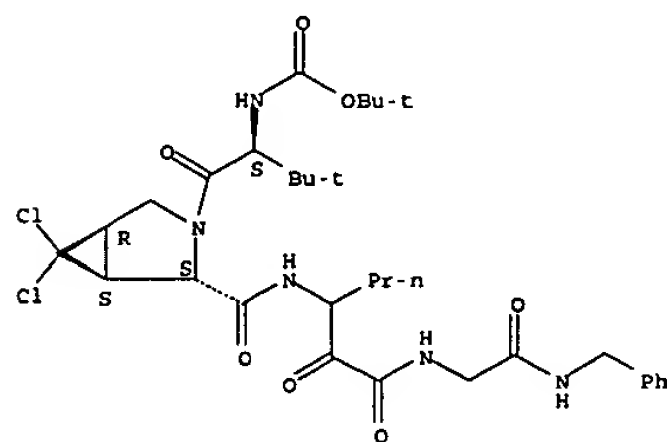
[(cyclohexyl[[[(1,1,3,3-tetramethylbutyl)amino]carbonyl]amino]acetyl]-N-[1-
 [oxo(2-propenylamino)acetyl]-4-pentenyl]- (9CI) (CA INDEX NAME)



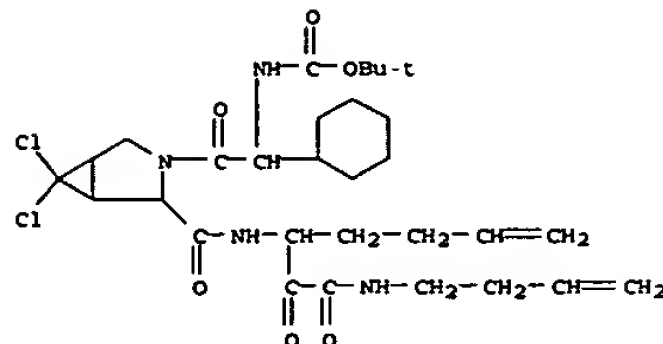
RN 394728-03-1 HCAPLUS
 CN Glycinamide,
 N-[(1,1-dimethylethoxy)carbonyl]-3-methyl-L-valyl-(1S,2S,5R)-

6,6-dichloro-3-azabicyclo[3.1.0]hexane-2-carbonyl-3-amino-2-oxohexanoyl-N-
 (phenylmethyl)- (9CI) (CA INDEX NAME)

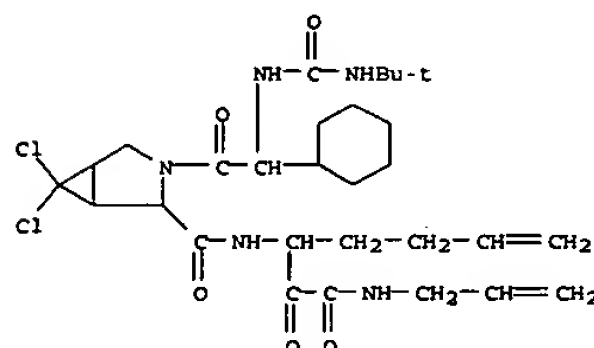
Absolute stereochemistry.



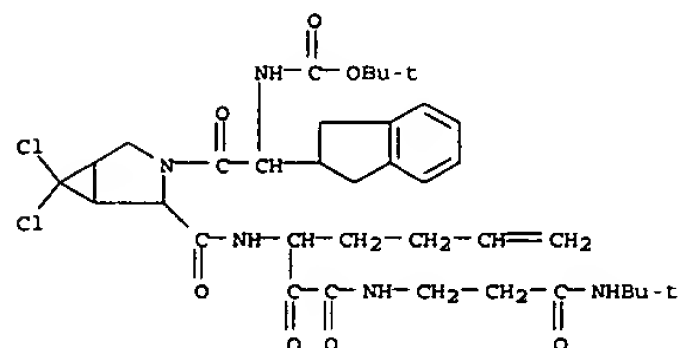
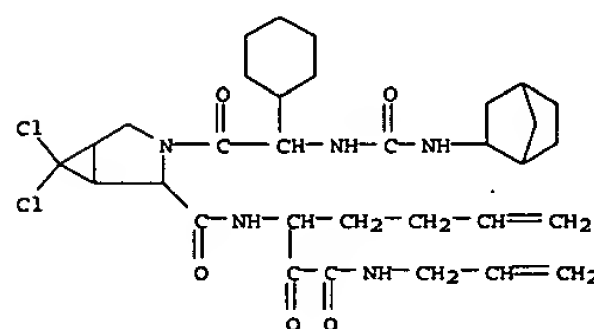
RN 394728-05-3 HCAPLUS
 CN β-Alaninamide, 2-(2,3-dihydro-1H-inden-2-yl)-N-[(1,1-
 dimethylethoxy)carbonyl]glycyl-6,6-dichloro-3-azabicyclo[3.1.0]hexane-2-
 carbonyl-3-amino-2-oxo-6-heptenoyl-N-(1,1-dimethylethyl)- (9CI) (CA
 INDEX NAME)



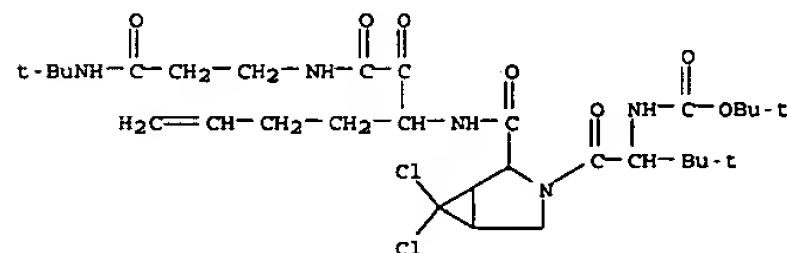
RN 394727-96-9 HCAPLUS
 CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide,
 6,6-dichloro-3-[(cyclohexyl[[[(1,1-
 dimethylethyl)amino]carbonyl]amino]acetyl]-N-[1-oxo(2-
 propenylamino)acetyl]-4-pentenyl]- (9CI) (CA INDEX NAME)



RN 394727-97-0 HCAPLUS
 CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide, 3-[[[(bicyclo[2.2.1]hept-2-
 yl)amino]carbonyl]amino]cyclohexylacetyl]-6,6-dichloro-N-[1-oxo(2-
 propenylamino)acetyl]-4-pentenyl]- (9CI) (CA INDEX NAME)

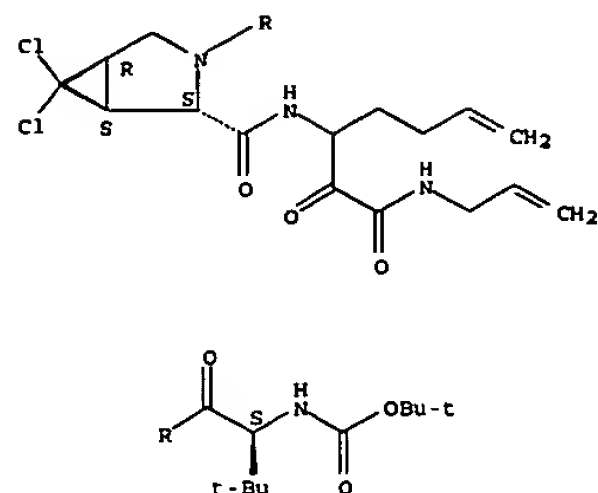


RN 394728-09-7 HCAPLUS
 CN β-Alaninamide, N-[(1,1-dimethylethoxy)carbonyl]valyl-6,6-dichloro-3-
 azabicyclo[3.1.0]hexane-2-carbonyl-3-amino-2-oxo-6-heptenoyl-N-(1,1-
 dimethylethyl)- (9CI) (CA INDEX NAME)

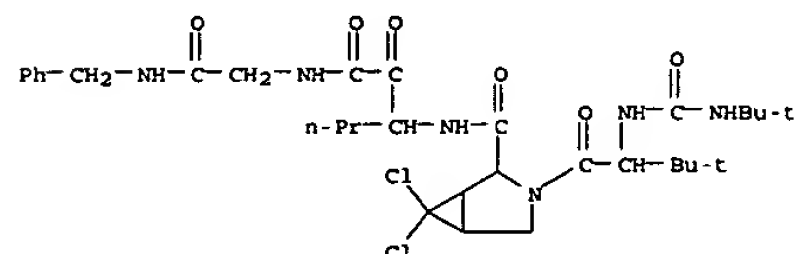


RN 394728-20-2 HCAPLUS
 CN Carbamic acid, [(1S)-1-[[[(1S,2S,5R)-6,6-dichloro-2-[[[1-oxo(2-
 propenylamino)acetyl]-4-pentenyl]amino]carbonyl]-3-azabicyclo[3.1.0]hex-3-
 yl]carbonyl]-2,2-dimethylpropyl]-, 1,1-dimethylethyl ester (9CI) (CA
 INDEX NAME)

Absolute stereochemistry.



RN 394728-28-0 HCAPLUS
 CN Glycinamide, N-[(1,1-dimethylethyl)amino]carbonyl]-3-methylvalyl-6,6-dichloro-3-azabicyclo[3.1.0]hexane-2-carbonyl-3-amino-2-oxohexanoyl-N-(phenylmethyl)- (9CI) (CA INDEX NAME)

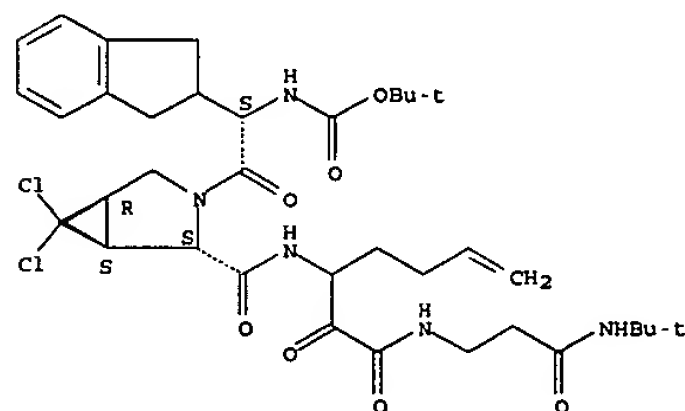


RN 394728-98-4 HCAPLUS
 CN Glycinamide, (2S)-2-(2,3-dihydro-1H-inden-2-yl)-N-[(1,1-dimethylethoxy)carbonyl]glycyl-(1S,2S,5R)-6,6-dichloro-3-azabicyclo[3.1.0]hexane-2-carbonyl-3-amino-2-oxo-6-heptenoylglycyl-N,N-dimethyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

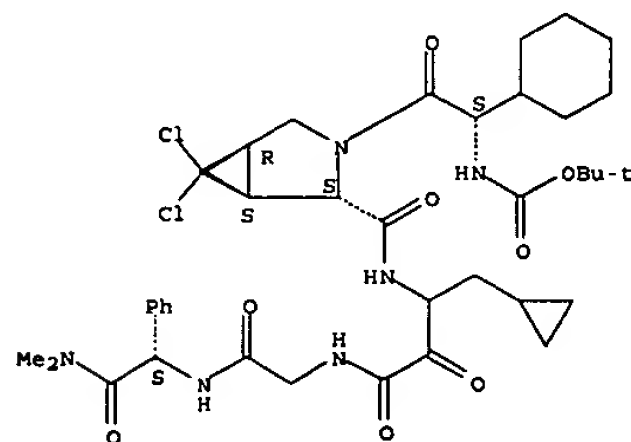
RN 394729-13-6 HCAPLUS
 CN β-Alaninamide, (2S)-2-(2,3-dihydro-1H-inden-2-yl)-N-[(1,1-dimethylethoxy)carbonyl]glycyl-(1S,2S,5R)-6,6-dichloro-3-azabicyclo[3.1.0]hexane-2-carbonyl-3-amino-2-oxo-6-heptenoyl-N-(1,1-dimethylethyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

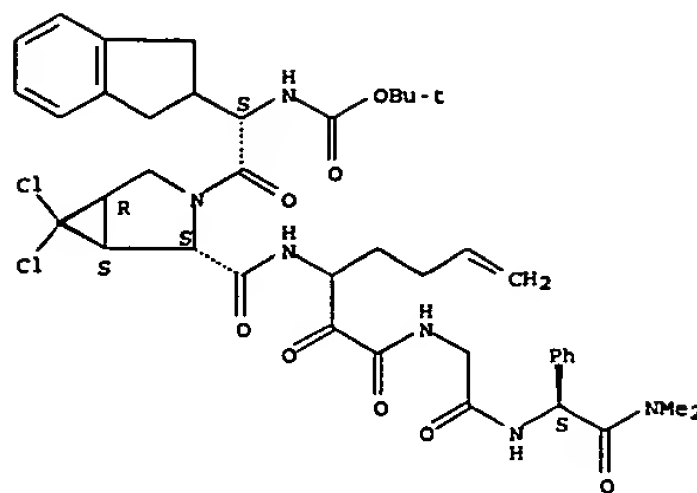


RN 394729-16-9 HCAPLUS
 CN Glycinamide, (2S)-2-cyclohexyl-N-[(1,1-dimethylethoxy)carbonyl]glycyl-(1S,2S,5R)-6,6-dichloro-3-azabicyclo[3.1.0]hexane-2-carbonyl-β-amino-α-oxocyclopropanebutanoylglycyl-N,N-dimethyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



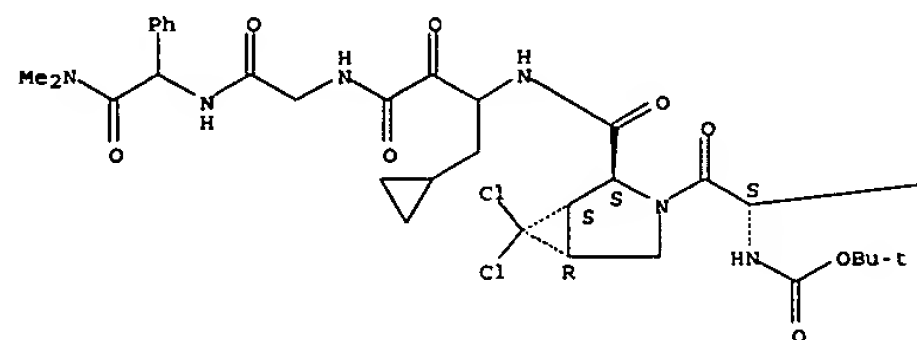
RN 394729-18-1 HCAPLUS
 CN Glycinamide, 3-methyl-N-[(phenylamino)carbonyl]-L-valyl-(1S,2S,5R)-6,6-dichloro-3-azabicyclo[3.1.0]hexane-2-carbonyl-3-amino-2-oxohexanoylglycyl-N,N-dimethyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)



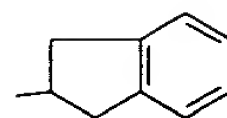
RN 394729-04-5 HCAPLUS
 CN Glycinamide, (2S)-2-(2,3-dihydro-1H-inden-2-yl)-N-[(1,1-dimethylethoxy)carbonyl]glycyl-(1S,2S,5R)-6,6-dichloro-3-azabicyclo[3.1.0]hexane-2-carbonyl-β-amino-α-oxocyclopropanebutanoylglycyl-N,N-dimethyl-2-phenyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

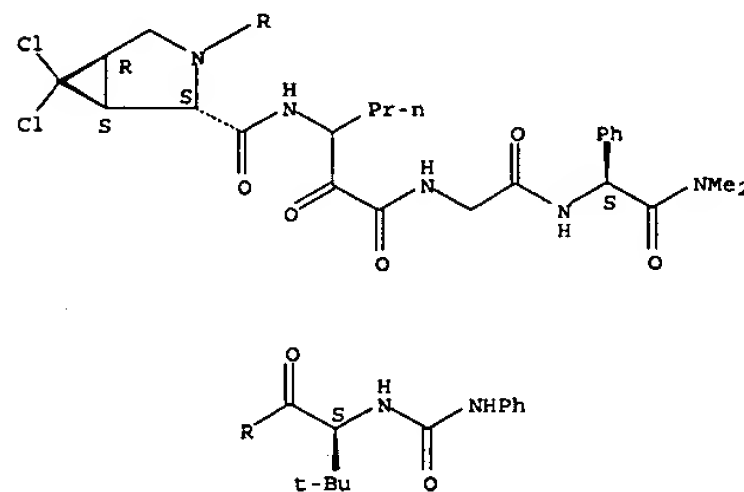
PAGE 1-A



PAGE 1-B

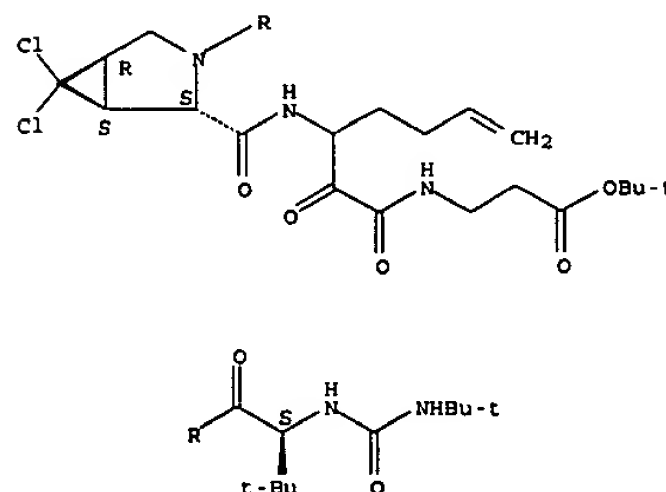


Absolute stereochemistry.



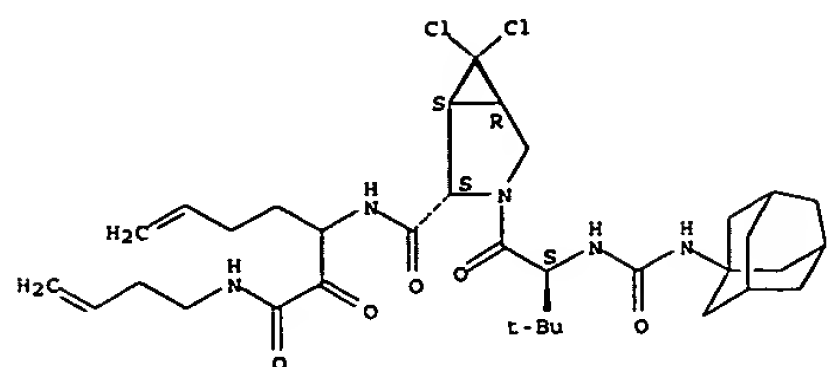
RN 394729-19-2 HCAPLUS
 CN β-Alanine, N-[(1,1-dimethylethyl)amino]carbonyl]-3-methyl-L-valyl-(1S,2S,5R)-6,6-dichloro-3-azabicyclo[3.1.0]hexane-2-carbonyl-3-amino-2-oxo-6-heptenoyl-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



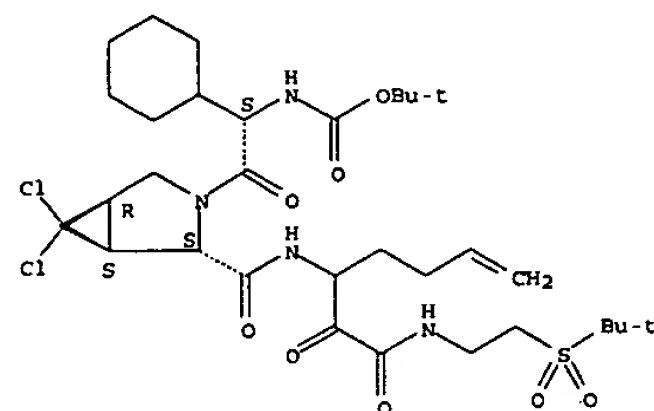
RN 394729-22-7 HCAPLUS
 CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide, N-[1-[(3-butenylamino)oxoacetyl]-4-pentenyl]-6,6-dichloro-3-[(2S)-3,3-dimethyl-1-oxo-2-[[[tricyclo[3.3.1.1.3,7]dec-1-ylamino]carbonyl]amino]butyl]-, (1S,2S,5R)- (9CI) (CA INDEX NAME)

L4 ANSWER 3 OF 3 HCAPLUS COPYRIGHT 2005 ACS on STN (Continued)
Absolute stereochemistry.



RN 394729-23-8 HCAPLUS
CN Carbamic acid, {[1S]-1-cyclohexyl-2-[[1S,2S,5R]-6,6-dichloro-2-[[[1-[[2-[[1,1-dimethylethyl)sulfonyl]ethyl]amino]oxoacetyl]-4-pentenyl]amino]carbonyl]-3-azabicyclo[3.1.0]hex-3-yl]-2-oxoethyl}-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

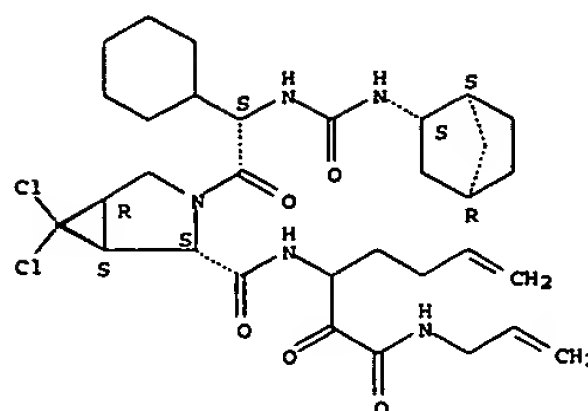
Absolute stereochemistry.



RN 394729-30-7 HCAPLUS
CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide, 3-[(2S)-{[(1S,2S,4R)-bicyclo[2.2.1]hept-2-ylamino]carbonyl}amino]cyclohexylacetyl]-6,6-dichloro-N-[1-[oxo(2-propenylamino)acetyl]-4-pentenyl]-, (1S,2S,5R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

L4 ANSWER 3 OF 3 HCAPLUS COPYRIGHT 2005 ACS on STN (Continued)

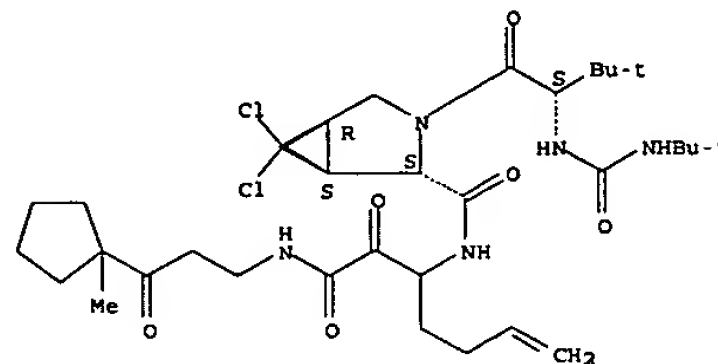


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RN      394729-31-8  HCAPLUS
CN      3-Azabicyclo[3.1.0]hexane-2-carboxamide, 6,6-dichloro-3-[[[2S]-2-[[[1,1-
dimethylethyl]amino]carbonyl]amino]-3,3-dimethyl-1-oxobutyl]-N-[1-[[[3-(1-
methylcyclopentyl)-3-oxopropyl]amino]oxoacetyl]-4-pentenyl]-, (1S,2S,5R)-
(9CI) (CA INDEX NAME)

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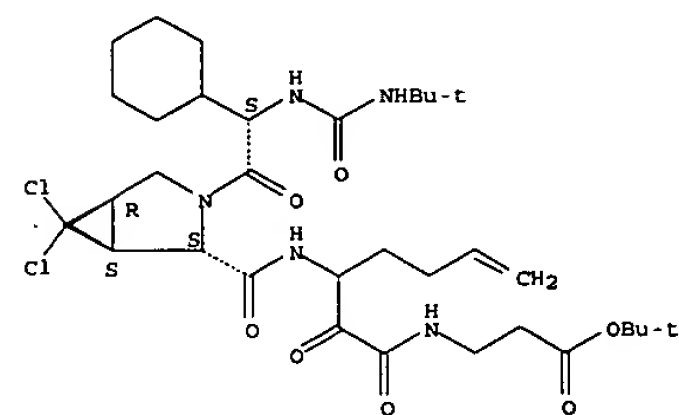
Absolute stereochemistry.



RN 394729-32-9 HCAPLUS
CN β -Alanine, (2S)-2-cyclohexyl-N-[[{1,1-dimethylethyl}amino]carbonyl]glycyl-(1S,2S,5R)-6,6-dichloro-3-azabicyclo[3.1.0]hexane-2-carbonyl-3-amino-2-oxo-6-heptenoyl-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

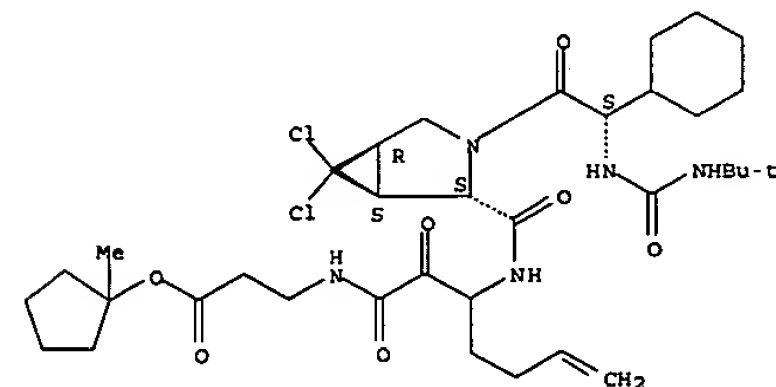
Absolute stereochemistry.

L4 ANSWER 3 OF 3 HCAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 394729-33-0 HCAPLUS
CN β -Alanine, (2S)-2-cyclohexyl-N-[[{(1,1-dimethylethyl)amino}carbonyl]gl
ycyl-(1S,2S,5R)-6,6-dichloro-3-azabicyclo[3.1.0]hexane-2-carbonyl-3-amino-
2-oxo-6-heptenyl-, 1-methylcyclopentyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



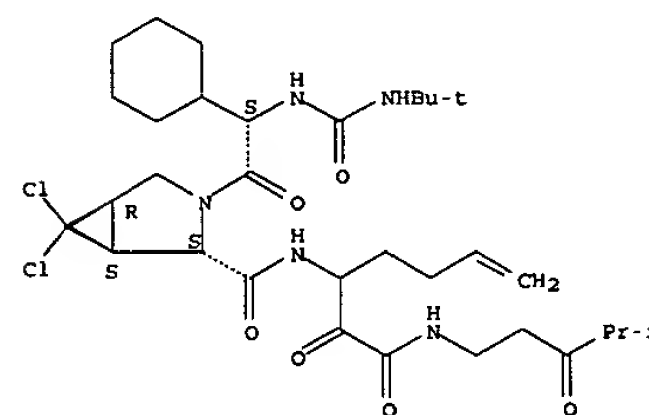
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RN      394729-34-1  HCAPLUS
CN      3-Azabicyclo[3.1.0]hexane-2-carboxamide, 6,6-dichloro-3-[(2S)-
cyclohexyl[[[(1,1-dimethylethyl)amino]carbonyl]amino]acetyl]-N-[1-[[[4-
methyl-3-oxopentyl]amino]oxoacetyl]-4-pentenyl]-, (1S,2S,5R)- (9CI) (CA
INDEX NAME)

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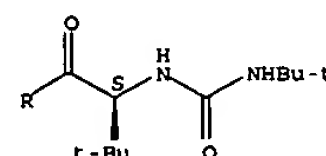
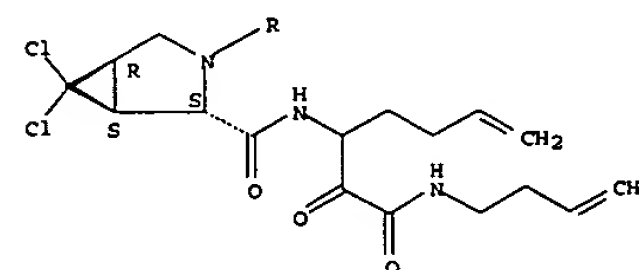
Absolute stereochemistry.

L4 ANSWER 3 OF 3 HCAPLUS COPYRIGHT 2005 ACS on STN (Continued)



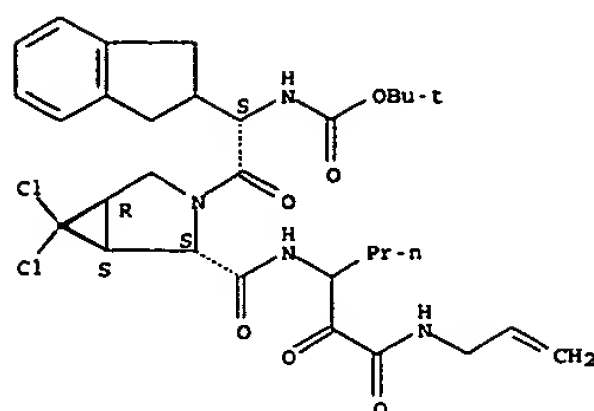
RN 394729-40-9 HCAPLUS
CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide,
N-[1-[(3-butenylamino)oxoacetyl]-
4-pentenyl]-6,6-dichloro-3-[(2S)-2-[[[(1,1-dimethylethyl)amino]carbonyl]am
ino]-3,3-dimethyl-1-oxobutyl]-, (1S,2S,5R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



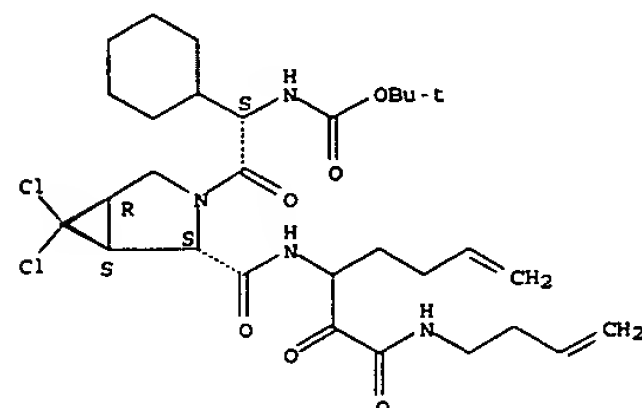
RN 394729-44-3 HCAPLUS
CN Carbamic acid, [(1S)-2-[(1S,2S,5R)-6,6-dichloro-2-[[[1-oxo(2-propenylamino)acetyl]butyl]amino]carbonyl]-3-azabicyclo[3.1.0]hex-3-yl]-1-(2,3-dihydro-1H-inden-2-yl)-2-oxoethyl]-, 1,1-dimethylethyl ester (9CI)
(CA INDEX NAME)

Absolute stereochemistry.



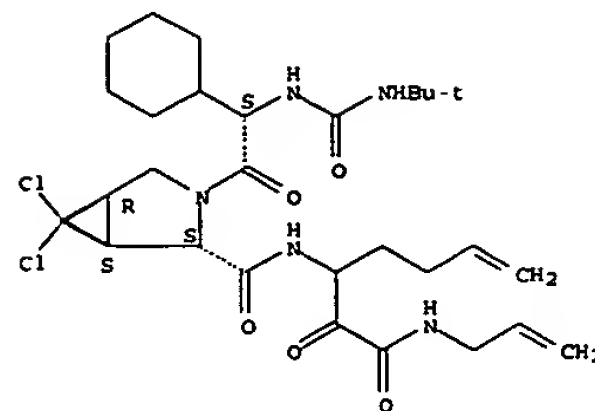
RN 394729-45-4 HCAPLUS
 CN Carbamic acid, [(1S)-2-[(1S,2S,5R)-2-[[[1-[(3-butenylamino)oxoacetyl]-4-pentenyl]amino]carbonyl]-6,6-dichloro-3-azabicyclo[3.1.0]hex-3-yl]-1-cyclohexyl-2-oxoethyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



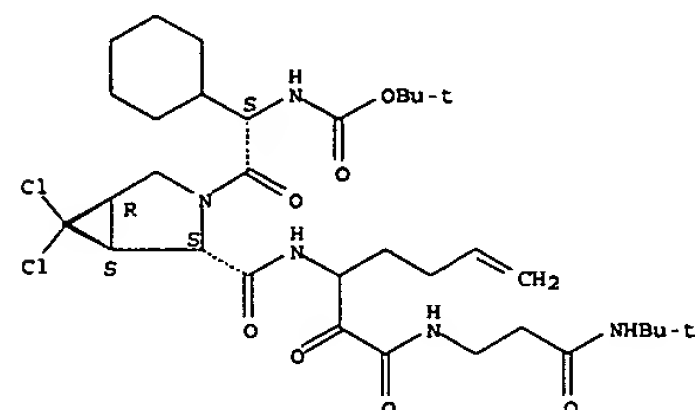
RN 394729-46-5 HCAPLUS
 CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide, 6,6-dichloro-3-[(2S)-cyclohexyl[[[(1,1-dimethylethyl)amino]carbonyl]amino]acetyl]-N-[1-(oxo(2-propenylamino)acetyl)-4-pentenyl]-, (1S,2S,5R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



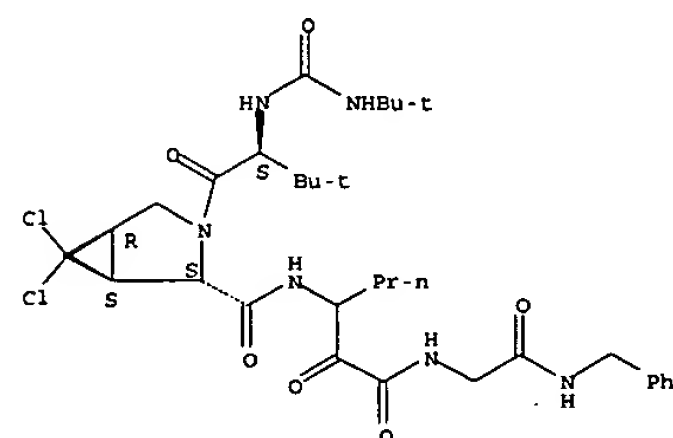
RN 394729-47-6 HCAPLUS
 CN β-Alaninamide, (2S)-2-cyclohexyl-N-[(1,1-dimethylethoxy)carbonyl]glycyl-(1S,2S,5R)-6,6-dichloro-3-azabicyclo[3.1.0]hexane-2-carboxyl-3-amino-2-oxo-6-heptenyl-N-(1,1-dimethylethyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



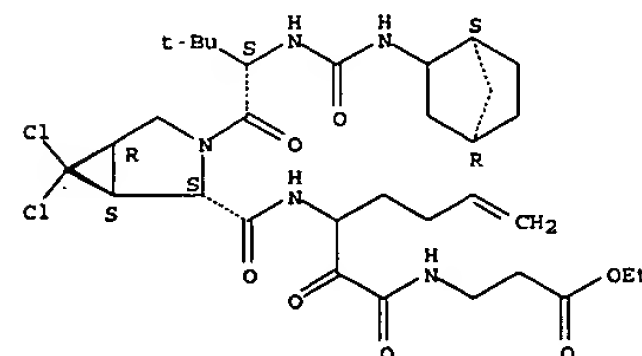
RN 394729-50-1 HCAPLUS
 CN Glycinamide, N-[[[(1,1-dimethylethyl)amino]carbonyl]-3-methyl-L-valyl-(1S,2S,5R)-6,6-dichloro-3-azabicyclo[3.1.0]hexane-2-carboxyl-3-amino-2-oxohexanoyl-N-(phenylmethyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



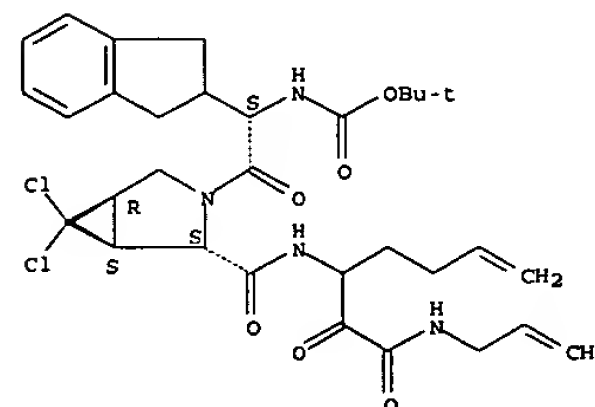
RN 394729-51-2 HCAPLUS
 CN β-Alanine, N-[[[(1S,4R)-bicyclo[2.2.1]hept-2-ylamino]carbonyl]-3-methyl-L-valyl-(1S,2S,5R)-6,6-dichloro-3-azabicyclo[3.1.0]hexane-2-carboxyl-3-amino-2-oxo-6-heptenyl-, ethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



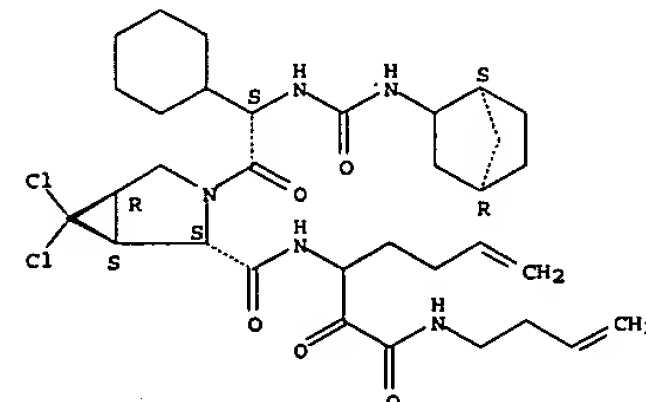
RN 394729-52-3 HCAPLUS
 CN Carbamic acid, [(1S)-2-[(1S,2S,5R)-6,6-dichloro-2-[[[1-(oxo(2-propenylamino)acetyl)-4-pentenyl]amino]carbonyl]-3-azabicyclo[3.1.0]hex-3-yl]-1-(2,3-dihydro-1H-inden-2-yl)-2-oxoethyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



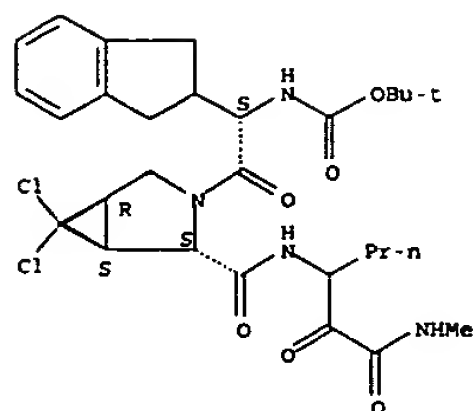
RN 394729-58-9 HCAPLUS
 CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide, 3-[(2S)-[[[(1S,4R)-bicyclo[2.2.1]hept-2-ylamino]carbonyl]amino]cyclohexylacetyl]-N-[1-[(3-butenylamino)oxoacetyl]-4-pentenyl]-6,6-dichloro-, (1S,2S,5R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



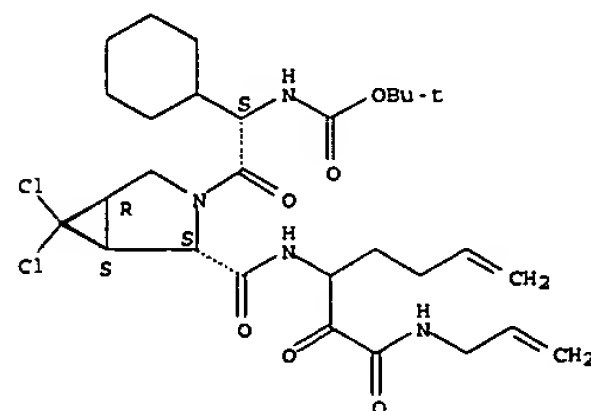
RN 394729-65-8 HCAPLUS
 CN Carbamic acid, [(1S)-2-[(1S,2S,5R)-6,6-dichloro-2-[[[1-(methylanino)oxoacetyl]butyl]amino]carbonyl]-3-azabicyclo[3.1.0]hex-3-yl]-1-(2,3-dihydro-1H-inden-2-yl)-2-oxoethyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



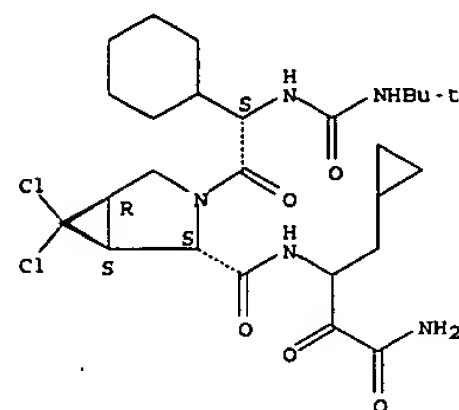
RN 394729-67-0 HCAPLUS
 CN Carbamic acid,
 [(1S)-1-cyclohexyl-2-[(1S,2S,5R)-6,6-dichloro-2-[[[1-oxo(2-propenylamino)acetyl]-4-pentenyl]amino]carbonyl]-3-azabicyclo[3.1.0]hex-3-yl]-2-oxoethyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



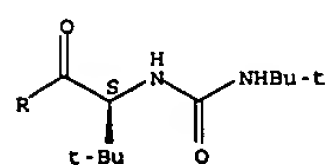
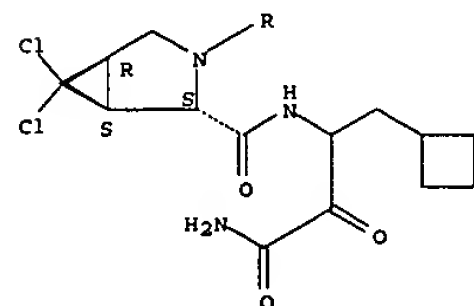
RN 394729-82-9 HCAPLUS
 CN Carbamic acid,
 [(1S)-2-[(1S,2S,5R)-2-[[[3-amino-1-(cyclopropylmethyl)-2,3-dioxopropyl]amino]carbonyl]-6,6-dichloro-3-azabicyclo[3.1.0]hex-3-yl]-1-(2,3-dihydro-1H-inden-2-yl)-2-oxoethyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



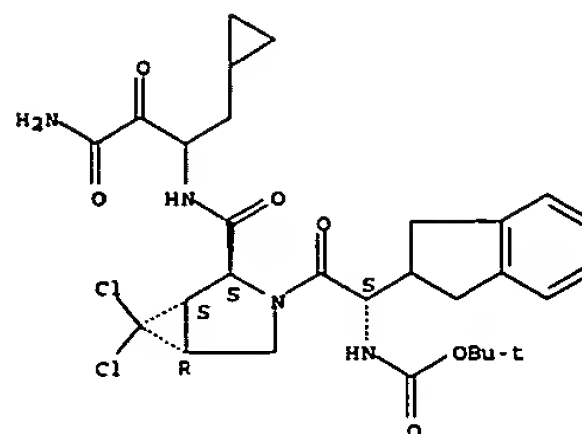
RN 394729-89-6 HCAPLUS
 CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide, N-[3-amino-1-(cyclobutylmethyl)-2,3-dioxopropyl]-6,6-dichloro-3-[(2S)-2-[[[(1,1-dimethylethyl)amino]carbonyl]amino]-3,3-dimethyl-1-oxobutyl]-, (1S,2S,5R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



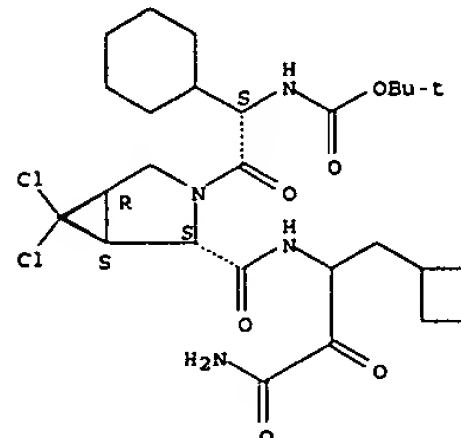
RN 394730-38-2 HCAPLUS
 CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide, N-[3-amino-1-(cyclopropylmethyl)-2,3-dioxopropyl]-6,6-dichloro-3-[(2S)-cyclohexyl[(cyclohexylamino)carbonyl]amino]acetyl]-, (1S,2S,5R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



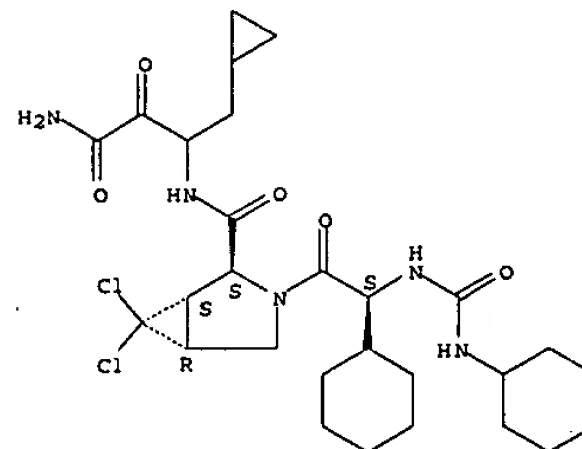
RN 394729-83-0 HCAPLUS
 CN Carbamic acid, [(1S)-2-[(1S,2S,5R)-2-[[[3-amino-1-(cyclobutylmethyl)-2,3-dioxopropyl]amino]carbonyl]-6,6-dichloro-3-azabicyclo[3.1.0]hex-3-yl]-1-cyclohexyl-2-oxoethyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



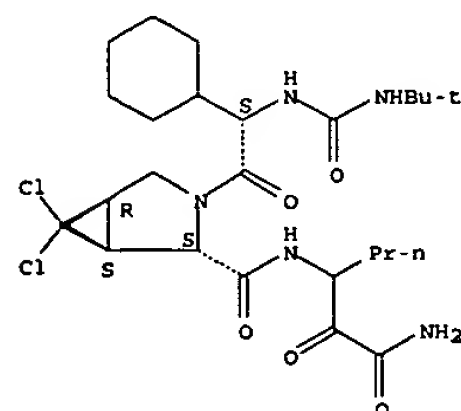
RN 394729-87-4 HCAPLUS
 CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide, N-[3-amino-1-(cyclopropylmethyl)-2,3-dioxopropyl]-6,6-dichloro-3-[(2S)-cyclohexyl[[[(1,1-dimethylethyl)amino]carbonyl]amino]acetyl]-, (1S,2S,5R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



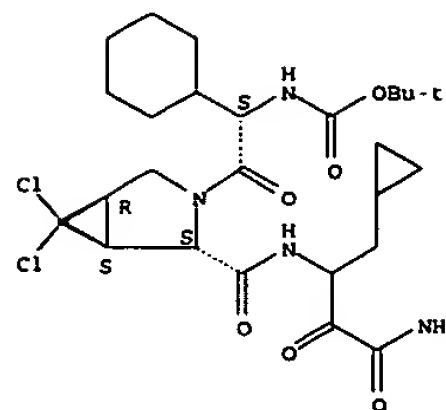
RN 394730-39-3 HCAPLUS
 CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide, N-[1-(aminooxoacetyl)butyl]-6,6-dichloro-3-[(2S)-cyclohexyl[[[(1,1-dimethylethyl)amino]carbonyl]amino]acetyl]-, (1S,2S,5R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



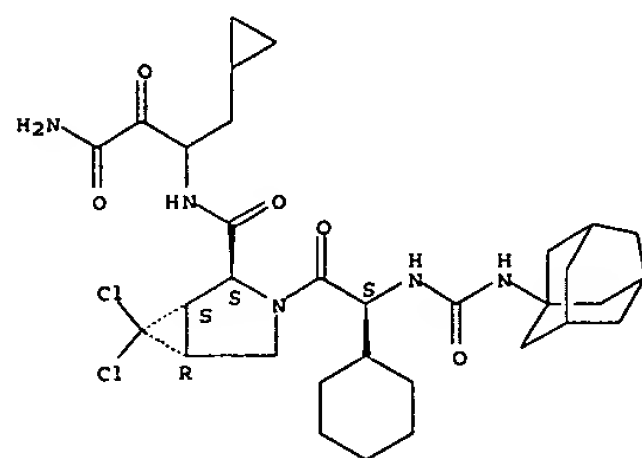
RN 394730-40-6 HCAPLUS
 CN Carbamic acid,
 [(1S)-2-[(1S,2S,5R)-2-[[[3-amino-1-(cyclopropylmethyl)-2,3-dioxopropyl]amino]carbonyl]-6,6-dichloro-3-azabicyclo[3.1.0]hex-3-yl]-1-cyclohexyl-2-oxoethyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



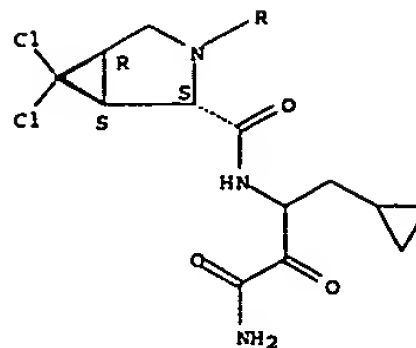
RN 394730-41-7 HCAPLUS
 CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide,
 N-[3-amino-1-(cyclopropylmethyl)-
 2,3-dioxopropyl]-6,6-dichloro-3-[(2S)-cyclohexyl[[tricyclo[3.3.1.1.3,7]dec-
 1-ylamino]carbonyl]amino]acetyl]-, (1S,2S,5R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



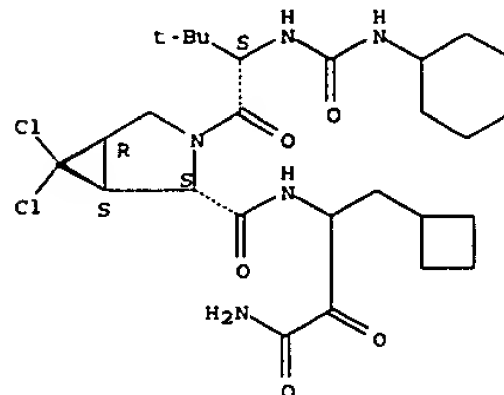
RN 394730-42-8 HCAPLUS
 CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide,
 N-[3-amino-1-(cyclopropylmethyl)-
 2,3-dioxopropyl]-6,6-dichloro-3-[(2S)-2-[[[1,1-
 dimethylethyl]amino]carbonyl]amino]-3,3-dimethyl-1-oxobutyl]-,
 (1S,2S,5R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



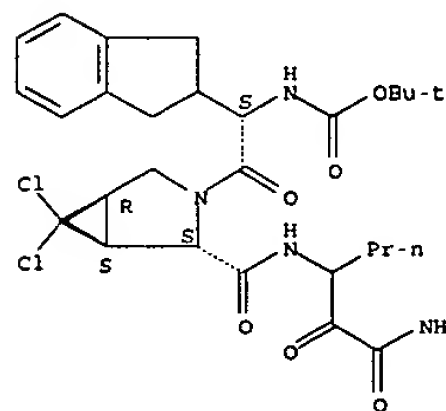
RN 394730-45-1 HCAPLUS
 CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide, N-[3-amino-1-(cyclobutylmethyl)-
 2,3-dioxopropyl]-6,6-dichloro-3-[(2S)-2-[[[cyclohexylamino]carbonyl]amino]-
 3,3-dimethyl-1-oxobutyl]-, (1S,2S,5R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



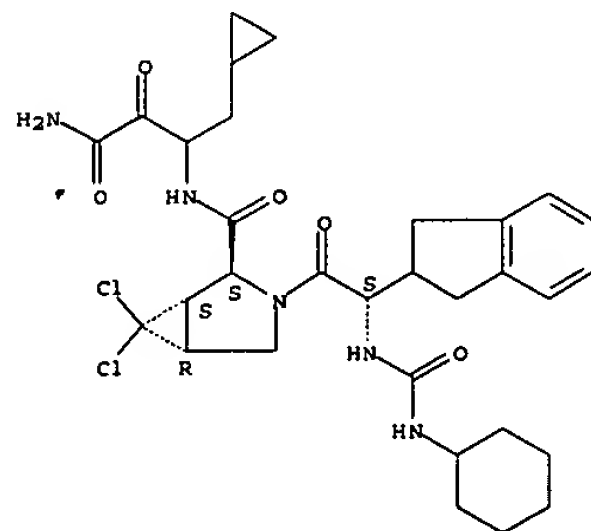
RN 394730-46-2 HCAPLUS
 CN Carbamic acid,
 [(1S)-2-[(1S,2S,5R)-2-[[[1-(aminooxoacetyl)butyl]amino]carbonyl]amino]-6,6-dichloro-3-azabicyclo[3.1.0]hex-3-yl]-1-(2,3-dihydro-1H-inden-2-
 yl)-2-oxoethyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



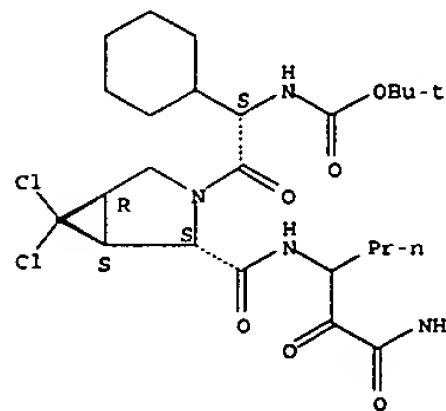
RN 394730-48-4 HCAPLUS
 CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide,
 N-[3-amino-1-(cyclopropylmethyl)-
 2,3-dioxopropyl]-6,6-dichloro-3-[(2S)-2-[[[1-(aminooxoacetyl)butyl]amino]carbonyl]amino]-3,3-dimethyl-1-oxobutyl]-,
 (1S,2S,5R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



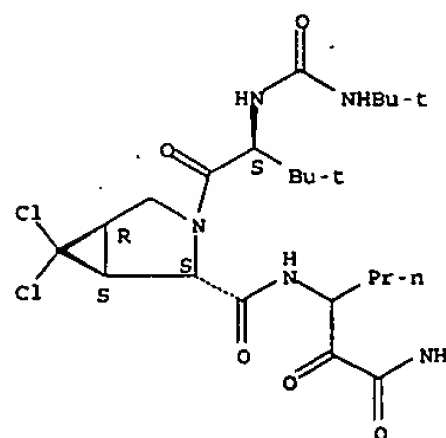
RN 394730-49-5 HCAPLUS
 CN Carbamic acid,
 [(1S)-2-[(1S,2S,5R)-2-[[[1-(aminooxoacetyl)butyl]amino]carbonyl]amino]-6,6-dichloro-3-azabicyclo[3.1.0]hex-3-yl]-1-cyclohexyl-2-oxoethyl]-,
 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



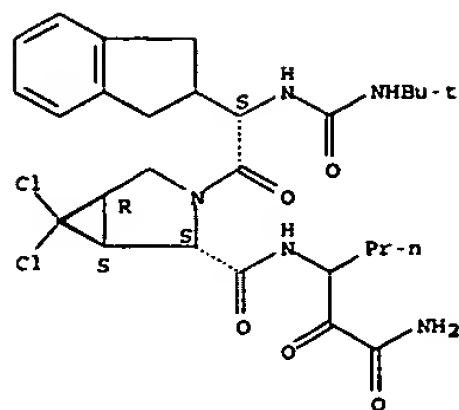
RN 394730-53-1 HCAPLUS
 CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide, N-[3-amino-1-(cyclobutylmethyl)-
 2,3-dioxopropyl]-6,6-dichloro-3-[(2S)-2-[[[1-(aminooxoacetyl)butyl]amino]carbonyl]amino]-3,3-
 dimethyl-1-oxobutyl]-, (1S,2S,5R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



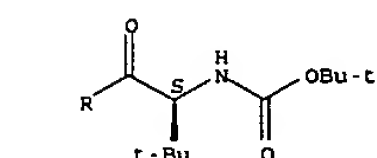
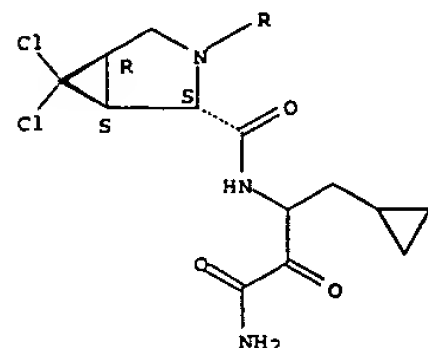
RN 394730-54-2 HCAPLUS
 CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide, N-[3-amino-1-(cyclobutylmethyl)-
 2,3-dioxopropyl]-6,6-dichloro-3-[(2S)-2-[[[1-(aminooxoacetyl)butyl]amino]carbonyl]amino]-3,3-
 dimethyl-1-oxobutyl]-, (1S,2S,5R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

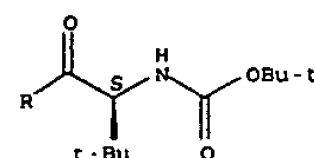
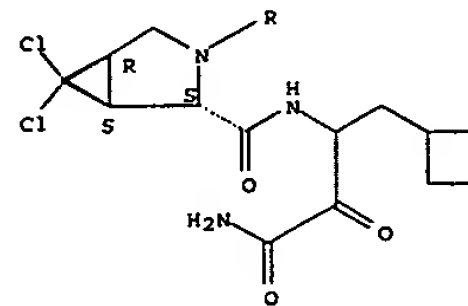


RN 394730-55-3 HCAPLUS
CN Carbamic acid,
[(1S)-1-[[[(1S,2S,5R)-2-[[[3-amino-1-(cyclopropylmethyl)-2,3-dioxopropyl]amino]carbonyl]-6,6-dichloro-3-azabicyclo[3.1.0]hex-3-yl]carbonyl]-2,2-dimethylpropyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

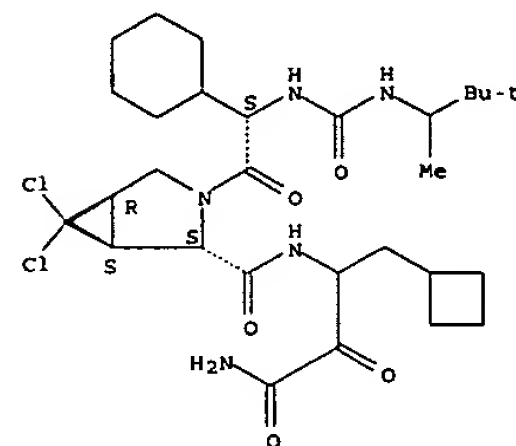


RN 394730-61-1 HCAPLUS
CN Carbamic acid,
[(1S)-1-[[[(1S,2S,5R)-2-[[[3-amino-1-(cyclobutylmethyl)-2,3-dioxopropyl]amino]carbonyl]-6,6-dichloro-3-azabicyclo[3.1.0]hex-3-yl]carbonyl]-2,2-dimethylpropyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



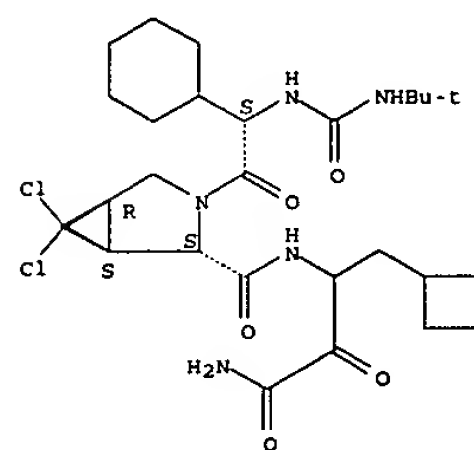
RN 394730-62-2 HCAPLUS
CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide, N-[3-amino-1-(cyclobutylmethyl)-2,3-dioxopropyl]-6,6-dichloro-3-[(2S)-cyclohexyl] [[[1,2,2-trimethylpropyl]amino]carbonyl]amino]acetyl]-, (1S,2S,5R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



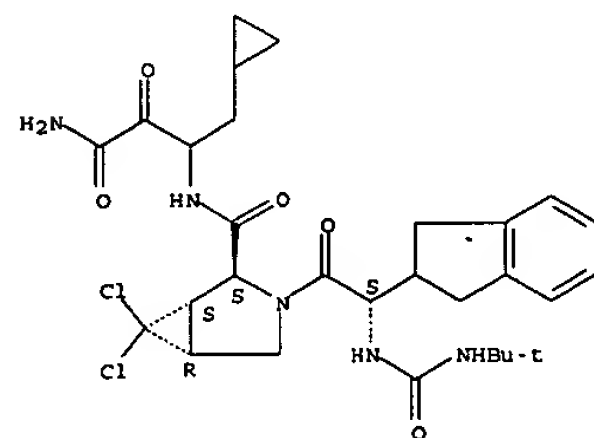
RN 394730-63-3 HCAPLUS
CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide, N-[3-amino-1-(cyclobutylmethyl)-2,3-dioxopropyl]-6,6-dichloro-3-[(2S)-cyclohexyl] [[[1,1-dimethylethyl]amino]carbonyl]amino]acetyl]-, (1S,2S,5R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



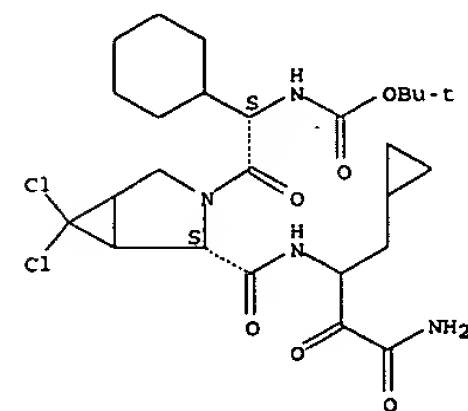
RN 394730-66-6 HCAPLUS
CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide,
N-[3-amino-1-(cyclopropylmethyl)-2,3-dioxopropyl]-6,6-dichloro-3-[(2S)-(2,3-dihydro-1H-inden-2-yl) [[[1,1-dimethylethyl]amino]carbonyl]amino]acetyl]-, (1S,2S,5R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



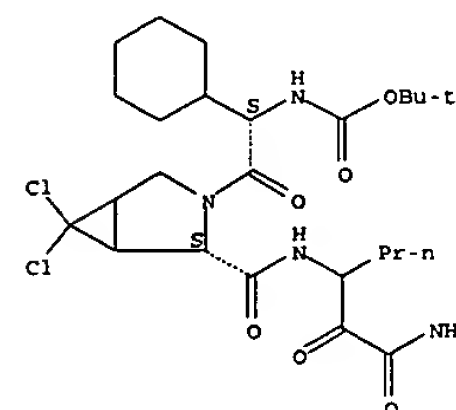
RN 395645-10-0 HCAPLUS
CN Carbamic acid, [(1S)-2-[(2S)-2-[[[3-amino-1-(cyclopropylmethyl)-2,3-dioxopropyl]amino]carbonyl]-6,6-dichloro-3-azabicyclo[3.1.0]hex-3-yl]-1-cyclohexyl-2-oxoethyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



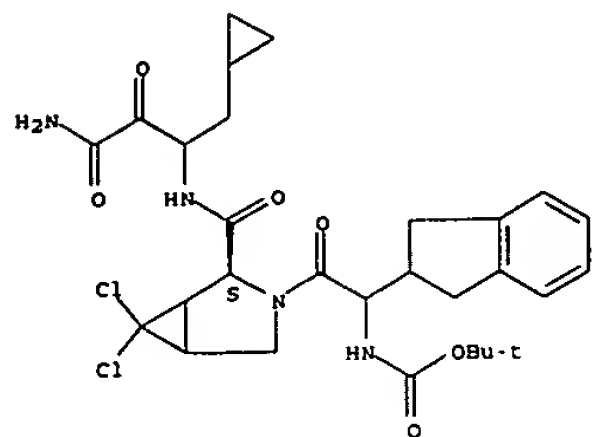
RN 395645-14-4 HCAPLUS
CN Carbamic acid,
[(1S)-2-[(2S)-2-[[[1-(aminooxoacetyl)butyl]amino]carbonyl]-6,6-dichloro-3-azabicyclo[3.1.0]hex-3-yl]-1-cyclohexyl-2-oxoethyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



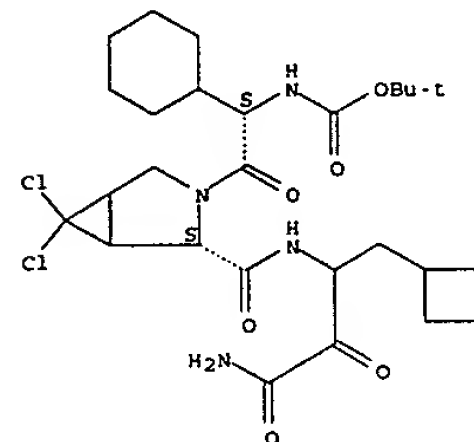
RN 395645-88-2 HCAPLUS
CN Carbamic acid, [2-[(2S)-2-[[[3-amino-1-(cyclopropylmethyl)-2,3-dioxopropyl]amino]carbonyl]-6,6-dichloro-3-azabicyclo[3.1.0]hex-3-yl]-1-(2,3-dihydro-1H-inden-2-yl)-2-oxoethyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



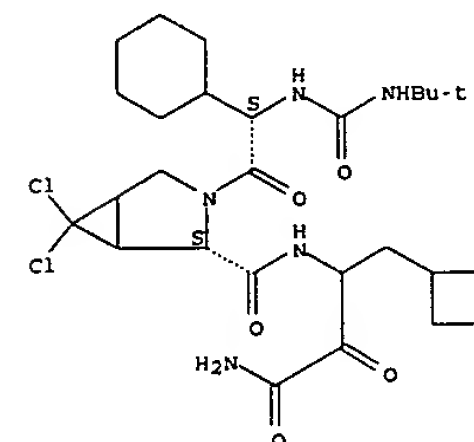
RN 395646-26-1 HCAPLUS
 CN Carbamic acid, [(1S)-2-[[[3-amino-1-(cyclobutylmethyl)-2,3-dioxopropyl]amino]carbonyl]-6,6-dichloro-3-azabicyclo[3.1.0]hex-3-yl]-1-cyclohexyl-2-oxoethyl-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



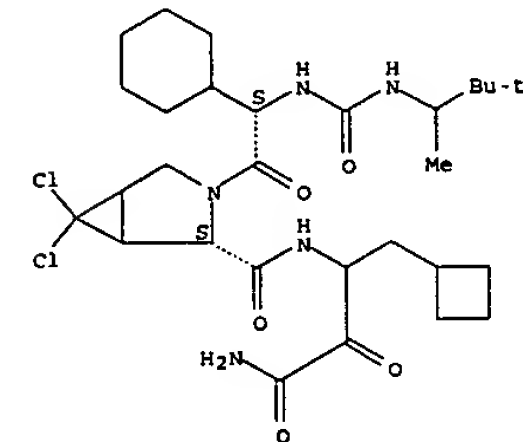
RN 395647-37-7 HCAPLUS
 CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide, N-[3-amino-1-(cyclopropylmethyl)-2,3-dioxopropyl]-6,6-dichloro-3-[(2S)-cyclohexyl[[[(cyclohexylamino)carbonyl]amino]acetyl]-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



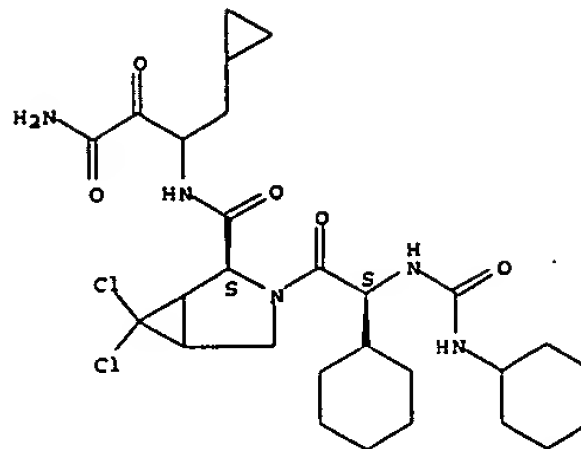
RN 395647-45-7 HCAPLUS
 CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide, N-[3-amino-1-(cyclobutylmethyl)-2,3-dioxopropyl]-6,6-dichloro-3-[(2S)-cyclohexyl[[[(1,2,2-trimethylpropyl)amino]carbonyl]amino]acetyl]-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



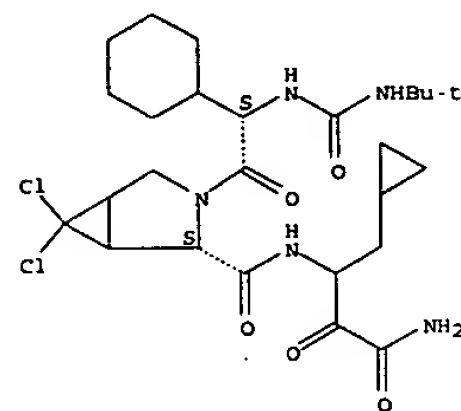
RN 395647-46-8 HCAPLUS
 CN Carbamic acid, [(1S)-2-[[[3-amino-1-(cyclopropylmethyl)-2,3-dioxopropyl]amino]carbonyl]-6,6-dichloro-3-azabicyclo[3.1.0]hex-3-yl]-1-cyclohexyl-2-oxoethyl-, tricyclo[3.3.1.1.3,7]dec-1-yl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



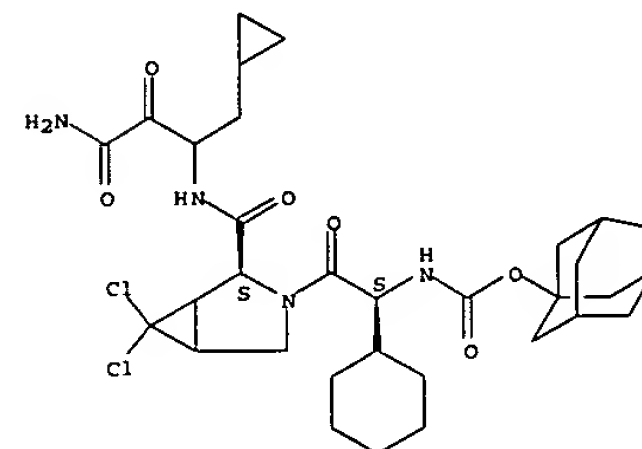
RN 395647-42-4 HCAPLUS
 CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide, N-[3-amino-1-(cyclopropylmethyl)-2,3-dioxopropyl]-6,6-dichloro-3-[(2S)-cyclohexyl[[[(1,1-dimethylethyl)amino]carbonyl]amino]acetyl]-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



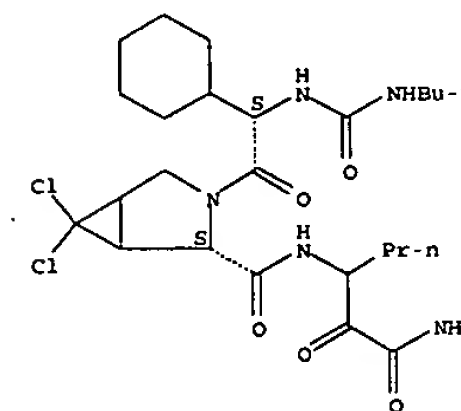
RN 395647-44-6 HCAPLUS
 CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide, N-[3-amino-1-(cyclobutylmethyl)-2,3-dioxopropyl]-6,6-dichloro-3-[(2S)-cyclohexyl[[[(1,1-dimethylethyl)amino]carbonyl]amino]acetyl]-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



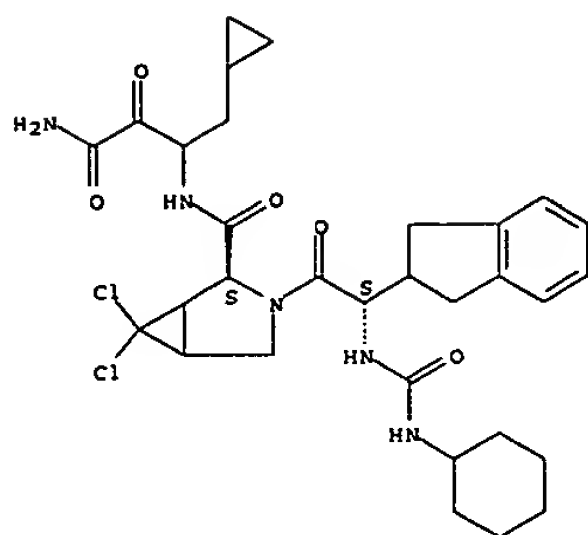
RN 395647-69-5 HCAPLUS
 CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide, N-[1-(aminooxoacetyl)butyl]-6,6-dichloro-3-[(2S)-cyclohexyl[[[(1,1-dimethylethyl)amino]carbonyl]amino]acetyl]-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



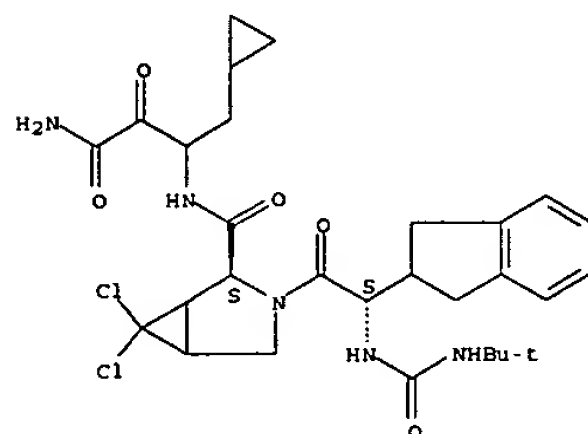
RN 395647-71-9 HCAPLUS
 CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide, N-[3-amino-1-(cyclopropylmethyl)-2,3-dioxopropyl]-6,6-dichloro-3-[(2S)-[(cyclohexylamino)carbonyl]amino](2,3-dihydro-1H-inden-2-yl)acetyl]-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



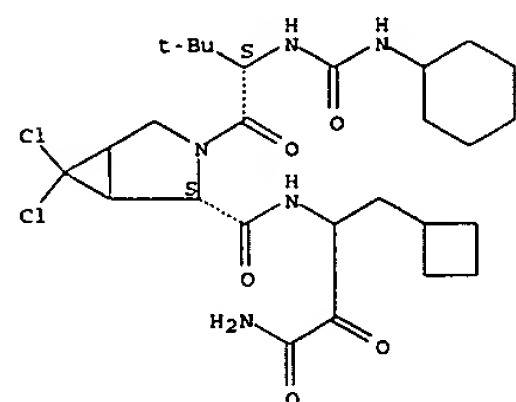
RN 395647-75-3 HCAPLUS
 CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide,
 N-[3-amino-1-(cyclopropylmethyl)-
 2,3-dioxopropyl]-6,6-dichloro-3-[(2S)-(2,3-dihydro-1H-inden-2-yl)]-[[[(1,1-
 dimethylethyl)amino]carbonyl]amino]acetyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



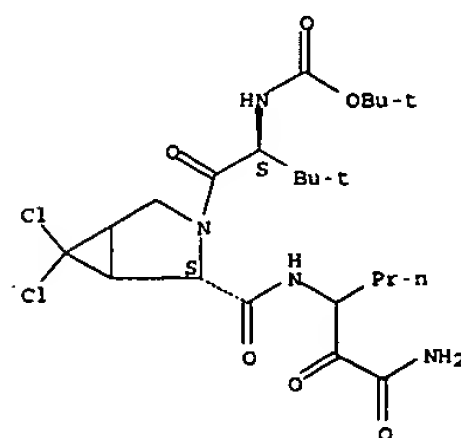
RN 395648-09-6 HCAPLUS
 CN Carbamic acid, [(1S)-1-[(2S)-2-[[[3-amino-1-(cyclobutylmethyl)-2,3-
 dioxopropyl]amino]carbonyl]-6,6-dichloro-3-azabicyclo[3.1.0]hex-3-
 yl]carbonyl]-2,2-dimethylpropyl-, 1,1-dimethylethyl ester (9CI) (CA
 INDEX NAME)

Absolute stereochemistry.



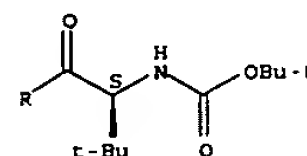
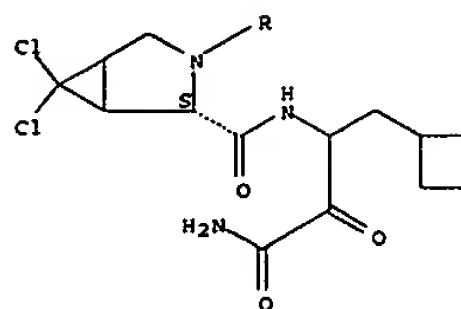
RN 395648-58-5 HCAPLUS
 CN Carbamic acid,
 [(1S)-1-[(2S)-2-[[[1-(aminooxoacetyl)butyl]amino]carbonyl]-
 6,6-dichloro-3-azabicyclo[3.1.0]hex-3-yl]carbonyl]-2,2-dimethylpropyl-,
 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



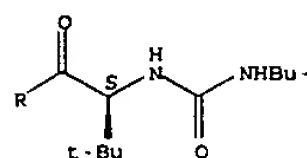
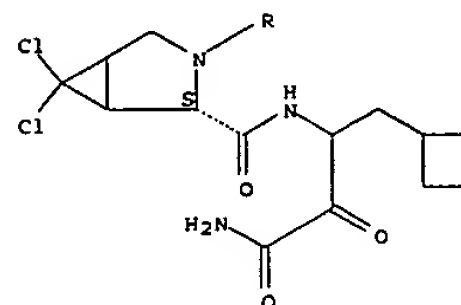
RN 395648-60-9 HCAPLUS
 CN Carbamic acid, [(1S)-1-[(2S)-2-[[[3-amino-1-(cyclopropylmethyl)-2,3-
 dioxopropyl]amino]carbonyl]-6,6-dichloro-3-azabicyclo[3.1.0]hex-3-
 yl]carbonyl]-2,2-dimethylpropyl-, 1,1-dimethylethyl ester (9CI) (CA
 INDEX NAME)

Absolute stereochemistry.

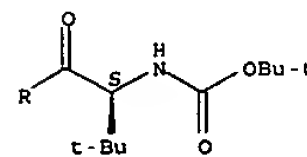
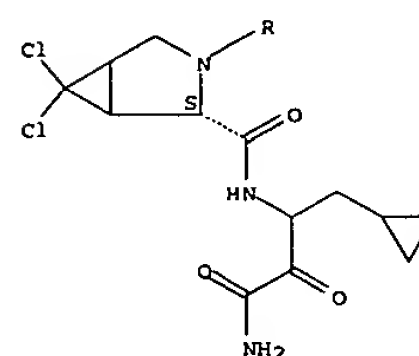


RN 395648-50-7 HCAPLUS
 CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide, N-[3-amino-1-(cyclobutylmethyl)-
 2,3-dioxopropyl]-6,6-dichloro-3-[(2S)-2-[[[(1,1-
 dimethylethyl)amino]carbonyl]amino]-3,3-dimethyl-1-oxobutyl]-, (2S)-
 (9CI) (CA INDEX NAME)

Absolute stereochemistry.

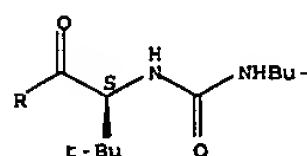
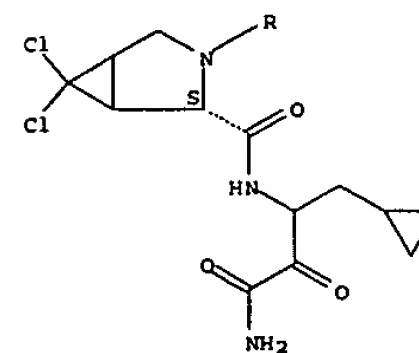


RN 395648-57-4 HCAPLUS
 CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide, N-[3-amino-1-(cyclobutylmethyl)-
 2,3-dioxopropyl]-6,6-dichloro-3-[(2S)-2-[[[(cyclohexylamino)carbonyl]amino]-
 3,3-dimethyl-1-oxobutyl]-, (2S)- (9CI) (CA INDEX NAME)



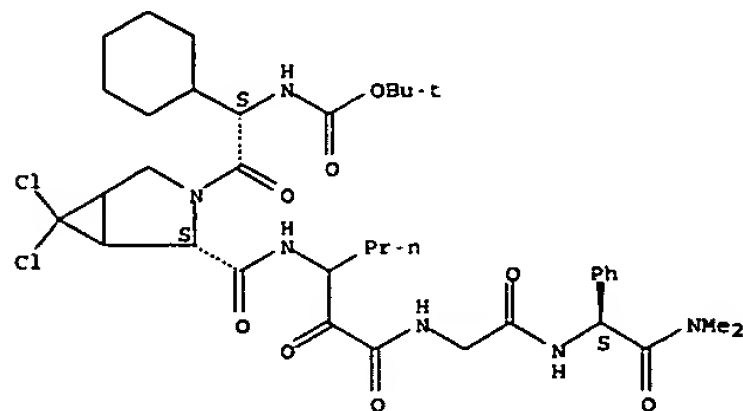
RN 395648-63-2 HCAPLUS
 CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide,
 N-[3-amino-1-(cyclopropylmethyl)-
 2,3-dioxopropyl]-6,6-dichloro-3-[(2S)-2-[[[(1,1-
 dimethylethyl)amino]carbonyl]amino]-3,3-dimethyl-1-oxobutyl]-, (2S)-
 (9CI) (CA INDEX NAME)

Absolute stereochemistry.



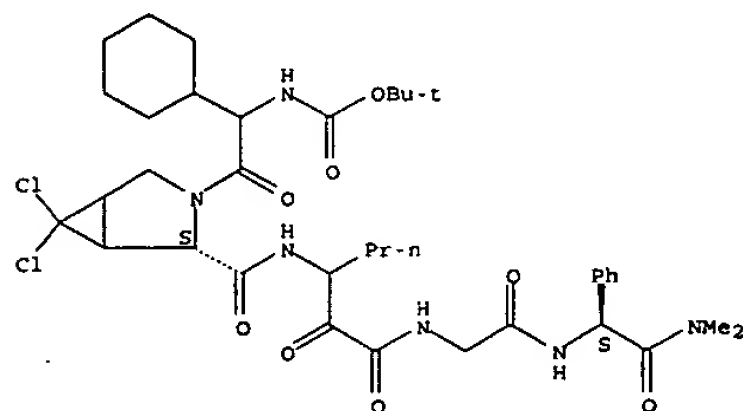
L4 ANSWER 3 OF 3 HCAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 RN 395650-11-4 HCAPLUS
 CN Glycinamide,
 (2S)-2-cyclohexyl-N-[(1,1-dimethylethoxy)carbonyl]glycyl-(2S)-
 6,6-dichloro-3-azabicyclo[3.1.0]hexane-2-carbonyl-3-amino-2-
 oxohexanoylglycyl-N,N-dimethyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



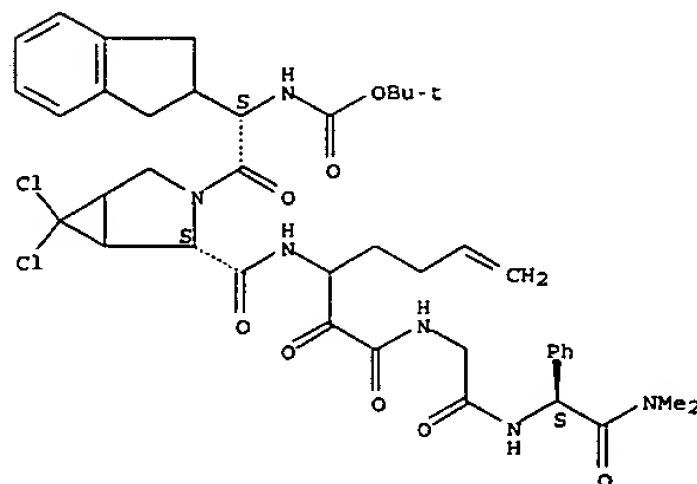
RN 395650-32-5 HCAPLUS
 CN Glycinamide,
 2-cyclohexyl-N-[(1,1-dimethylethoxy)carbonyl]glycyl-(2S)-6,6-
 dichloro-3-azabicyclo[3.1.0]hexane-2-carbonyl-3-amino-2-oxohexanoylglycyl-
 N,N-dimethyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



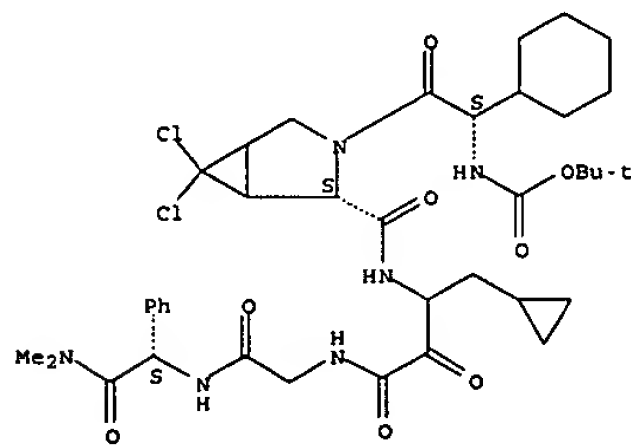
RN 395650-47-2 HCAPLUS
 CN Glycinamide, 2-(2,3-dihydro-1H-inden-2-yl)-N-[(1,1-
 dimethylethoxy)carbonyl]glycyl-(2S)-6,6-dichloro-3-azabicyclo[3.1.0]hexane-
 2-carbonyl-β-amino-α-oxocyclopropanebutanoylglycyl-N,N-dimethyl-
 2-phenyl- (9CI) (CA INDEX NAME)

L4 ANSWER 3 OF 3 HCAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 395650-51-8 HCAPLUS
 CN Glycinamide,
 (2S)-2-cyclohexyl-N-[(1,1-dimethylethoxy)carbonyl]glycyl-(2S)-
 6,6-dichloro-3-azabicyclo[3.1.0]hexane-2-carbonyl-β-amino-α-
 oxocyclopropanebutanoylglycyl-N,N-dimethyl-2-phenyl-, (2S)- (9CI) (CA
 INDEX NAME)

Absolute stereochemistry.



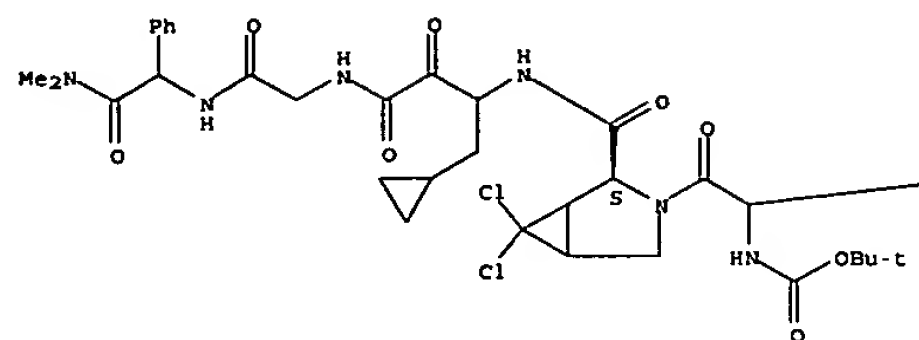
RN 395657-22-4 HCAPLUS
 CN Carbamic acid, [(1S)-1-cyclohexyl-2-[(2S)-6,6-dichloro-2-[[[1-oxo(2-
 propenylamino)acetyl]-4-pentenyl]amino]carbonyl]-3-azabicyclo[3.1.0]hex-3-
 yl]-2-oxoethyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

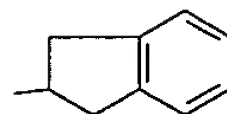
L4 ANSWER 3 OF 3 HCAPLUS COPYRIGHT 2005 ACS on STN (Continued)

Absolute stereochemistry.

PAGE 1-A



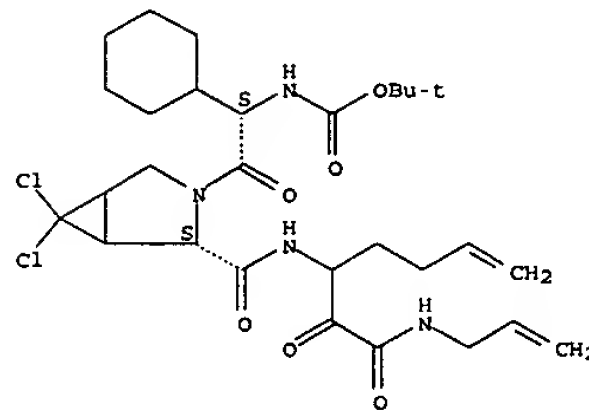
PAGE 1-B



RN 395650-49-4 HCAPLUS
 CN Glycinamide, (2S)-2-(2,3-dihydro-1H-inden-2-yl)-N-[(1,1-
 dimethylethoxy)carbonyl]glycyl-(2S)-6,6-dichloro-3-azabicyclo[3.1.0]hexane-
 2-carbonyl-3-amino-2-oxo-6-heptenoylglycyl-N,N-dimethyl-2-phenyl-, (2S)-
 (9CI) (CA INDEX NAME)

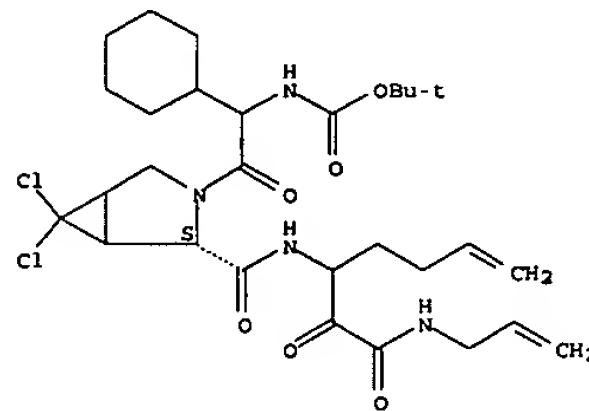
Absolute stereochemistry.

L4 ANSWER 3 OF 3 HCAPLUS COPYRIGHT 2005 ACS on STN (Continued)



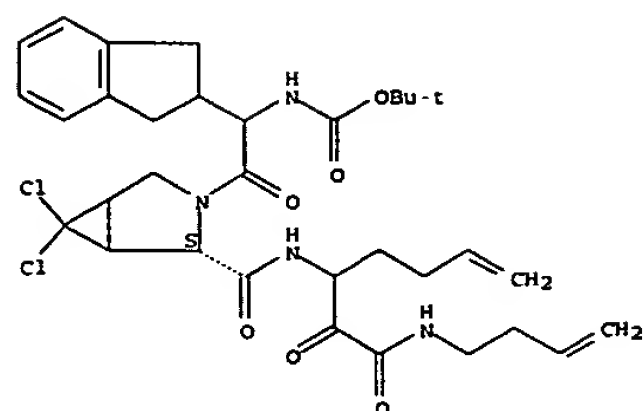
RN 395659-36-6 HCAPLUS
 CN Carbamic acid, [1-cyclohexyl-2-[(2S)-6,6-dichloro-2-[[[1-oxo(2-
 propenylamino)acetyl]-4-pentenyl]amino]carbonyl]-3-azabicyclo[3.1.0]hex-3-
 yl]-2-oxoethyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



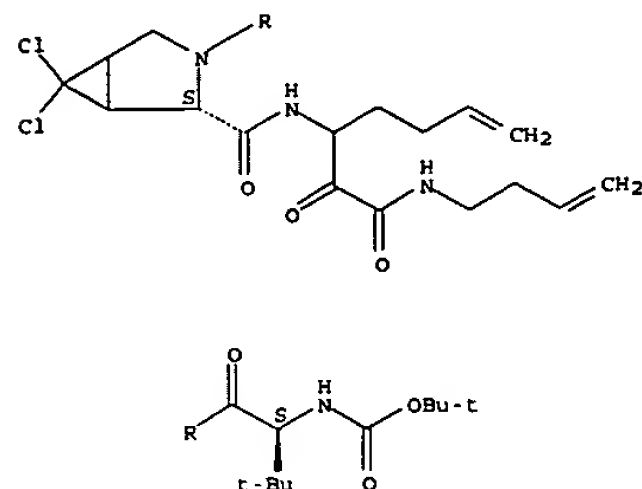
RN 395660-23-8 HCAPLUS
 CN Carbamic acid, [2-[(2S)-2-[[[1-[(3-butenylamino)oxoacetyl]-4-
 pentenyl]amino]carbonyl]-6,6-dichloro-3-azabicyclo[3.1.0]hex-3-yl]-1-(2,3-
 dihydro-1H-inden-2-yl)-2-oxoethyl]-, 1,1-dimethylethyl ester (9CI) (CA
 INDEX NAME)

Absolute stereochemistry.



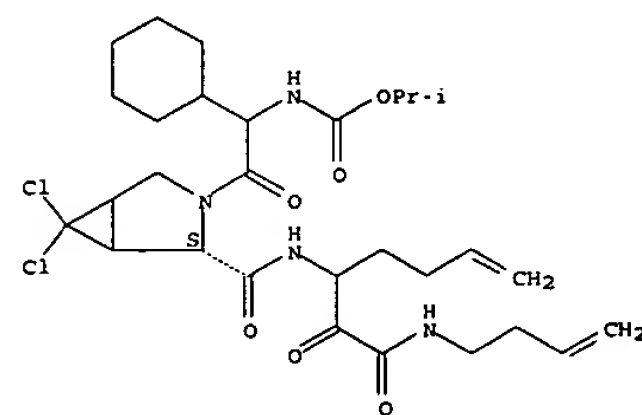
RN 395660-24-9 HCAPLUS
CN Carbamic acid, [1-[[[(2S)-2-[[[1-[(3-butenylamino)oxoacetyl]-4-pentenyl]amino]carbonyl]-6,6-dichloro-3-azabicyclo[3.1.0]hex-3-yl]carbonyl]-2,2-dimethylpropyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



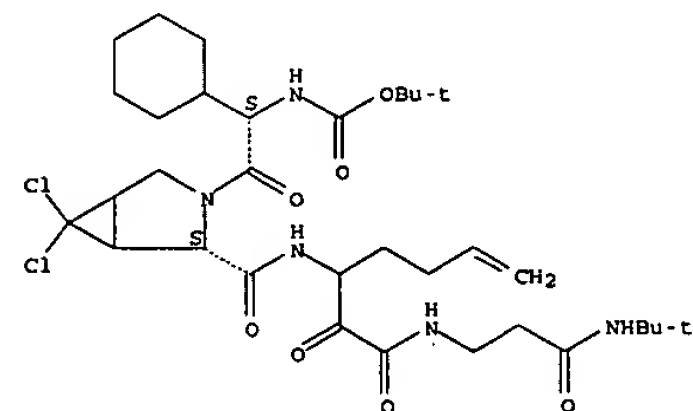
RN 395660-25-0 HCAPLUS
CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide, N-[1-[(3-butenylamino)oxoacetyl]-4-pentenyl]-6,6-dichloro-3-[cyclohexyl[[[(1,1-dimethylethyl)amino]carbonyl]amino]acetyl]-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



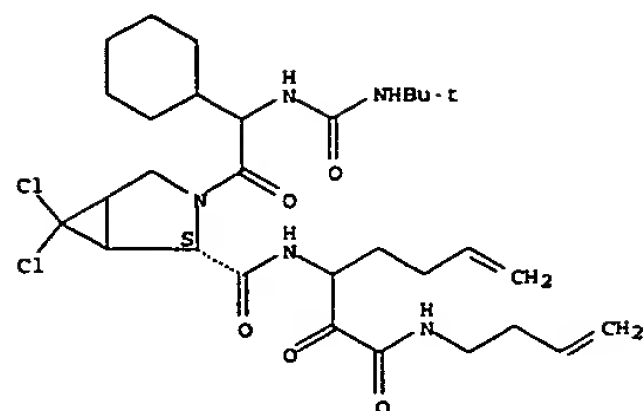
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CN β -Alaninamide, (2S)-2-cyclohexyl-N-[(1,1-dimethylethoxy)carbonyl]glycyl-(2S)-6,6-dichloro-3-azabicyclo[3.1.0]hexane-2-carbonyl-3-amino-2-oxo-6-heptenoyl-N-(1,1-dimethylethyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



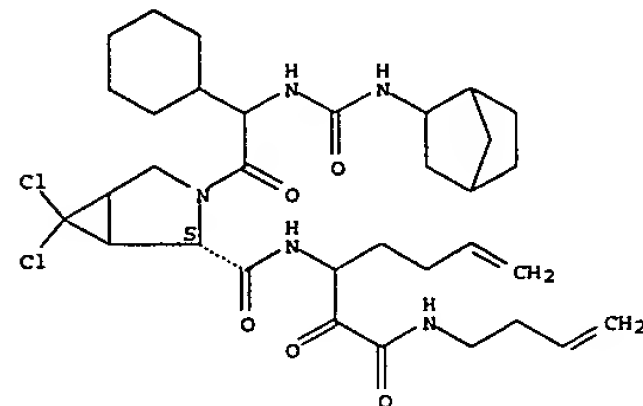
RN 395660-54-5 HCAPLUS
CN Carbamic acid, [1-cyclohexyl-2-[(2S)-6,6-dichloro-2-[[[1-[(oxo(2-propenylamino)acetyl]butylamino]carbonyl]-3-azabicyclo[3.1.0]hex-3-yl]-2-oxoethyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



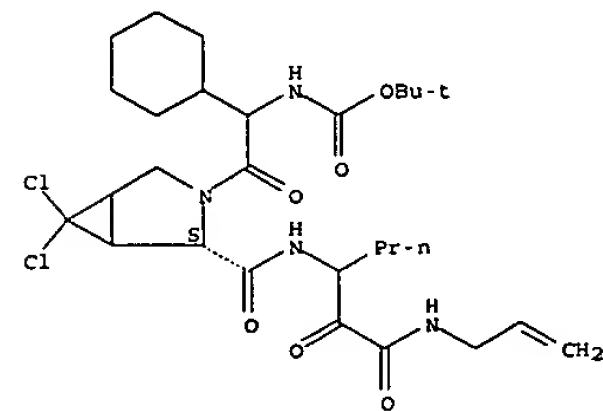
RN 395660-29-4 HCAPLUS
CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide, 3-[[[[(bicyclo[2.2.1]hept-2-ylamino)carbonyl]amino]cyclohexylacetyl]-N-[1-[(3-butenylamino)oxoacetyl]-4-pentenyl]-6,6-dichloro-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



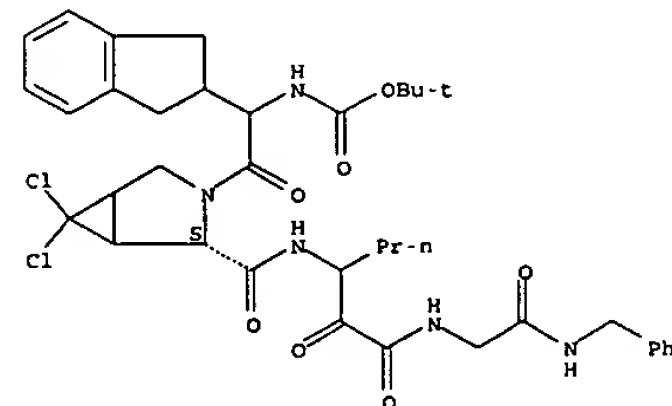
RN 395660-32-9 HCAPLUS
CN Carbamic acid, [2-[[[(2S)-2-[[[1-[(3-butenylamino)oxoacetyl]-4-pentenyl]amino]carbonyl]-6,6-dichloro-3-azabicyclo[3.1.0]hex-3-yl]-1-cyclohexyl-2-oxoethyl]-, 1-methylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



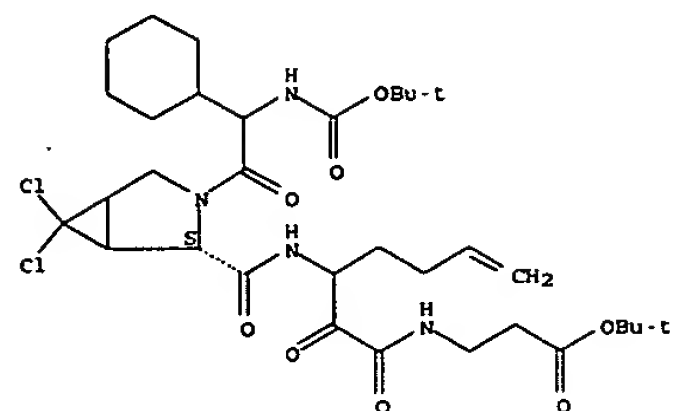
RN 395660-64-7 HCAPLUS
CN Glycinamide, 2-(2,3-dihydro-1H-inden-2-yl)-N-[(1,1-dimethylethoxy)carbonyl]glycyl-(2S)-6,6-dichloro-3-azabicyclo[3.1.0]hexane-2-carbonyl-3-amino-2-oxohexanoyl-N-(phenylmethyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



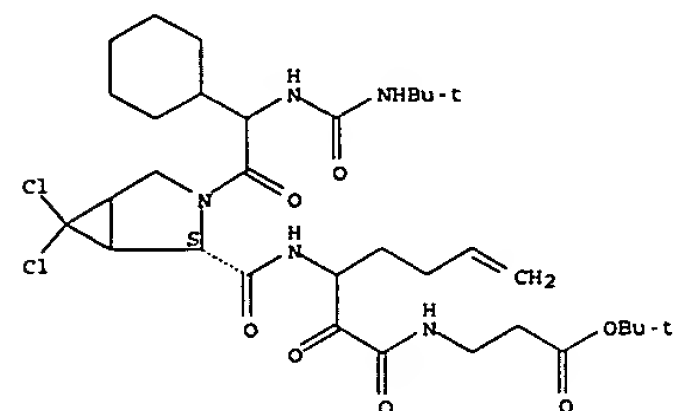
RN 395660-71-6 HCAPLUS
CN β -Alanine, 2-cyclohexyl-N-[(1,1-dimethylethoxy)carbonyl]glycyl-(2S)-6,6-dichloro-3-azabicyclo[3.1.0]hexane-2-carbonyl-3-amino-2-oxo-6-heptenoyl-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



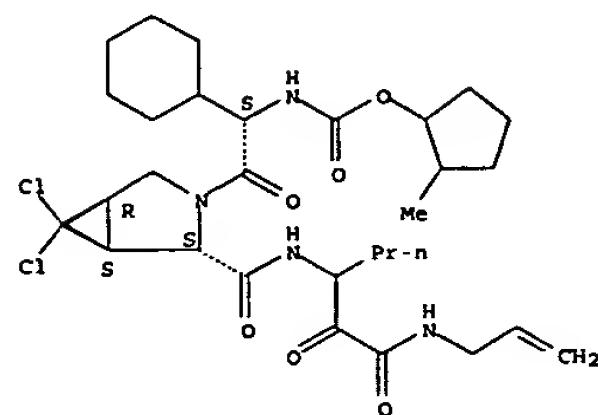
RN 395660-72-7 HCAPLUS
 CN β -Alanine, 2-cyclohexyl-N-[[[(1,1-dimethylethyl)amino]carbonyl]glycyl-(2S)-6,6-dichloro-3-azabicyclo[3.1.0]hexane-2-carbonyl-3-amino-2-oxo-6-heptenoyl-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 395660-85-2 HCAPLUS
 CN Carbamic acid, [[[(1S)-1-cyclohexyl-2-[(1S,2S,5R)-6,6-dichloro-2-[[[1-oxo(2-propenylamino)acetyl]butyl]amino]carbonyl]-3-azabicyclo[3.1.0]hex-3-yl]-2-oxoethyl]-, 2-methylcyclopentyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



```
=> fil medline,biosis,embase,hcaplus;s saksena ?/au
COST IN U.S. DOLLARS                SINCE FILE      TOTAL
                                     ENTRY      SESSION
FULL ESTIMATED COST                24.62      187.45

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)  SINCE FILE      TOTAL
                                     ENTRY      SESSION
CA SUBSCRIBER PRICE                -2.19      -2.19
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FILE 'MEDLINE' ENTERED AT 10:37:29 ON 09 MAR 2005

FILE 'BIOSIS' ENTERED AT 10:37:29 ON 09 MAR 2005
Copyright (c) 2005 The Thomson Corporation

FILE 'EMBASE' ENTERED AT 10:37:29 ON 09 MAR 2005
COPYRIGHT (C) 2005 Elsevier Inc. All rights reserved.

FILE 'HCAPLUS' ENTERED AT 10:37:29 ON 09 MAR 2005
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PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY (ACS)

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L5      576 FILE MEDLINE
L6      832 FILE BIOSIS
L7      545 FILE EMBASE
L8      821 FILE HCAPLUS
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TOTAL FOR ALL FILES
L9      2774 SAKSENA ?/AU
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L10     0 FILE MEDLINE
L11     1 FILE BIOSIS
L12     0 FILE EMBASE
L13     7 FILE HCAPLUS
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TOTAL FOR ALL FILES
L14     8 L9 AND (NS3 OR SERINE PROTEASE INHIBIT?)
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L6      832 FILE BIOSIS
L7      545 FILE EMBASE
L8      821 FILE HCAPLUS
TOTAL FOR ALL FILES
L9      2774 S SAKSENA ?/AU
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L12 0 FILE EMBASE
L13 7 FILE HCAPLUS
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L14 8 S L9 AND (NS3 OR SERINE PROTEASE INHIBIT?)

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L16 1 FILE BIOSIS
L17 0 FILE EMBASE
L18 4 FILE HCAPLUS

TOTAL FOR ALL FILES

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PROCESSING COMPLETED FOR L19

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=> d 1-5 cbib abs

L20 ANSWER 1 OF 5 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN

2004:431257 Document No.: PREV200400435814. Peptides as MS3-serine protease inhibitors of hepatitis C virus. **Saksena, Anil K.** [Inventor, Reprint Author]; Girijavallabhan, Viyyoor Moopil [Inventor]; Lovey, Raymond G. [Inventor]; Jao, Edwin [Inventor]; Bennett, Frank [Inventor]; McCormick, Jinping L. [Inventor]; Wang, Haiyan [Inventor]; Pike, Russell E. [Inventor]; Bogen, Stephane L. [Inventor]; Liu, Yi-Tsung [Inventor]; Arasappan, Ashok [Inventor]; Parekh, Tejal [Inventor]; Pinto, Patrick A. [Inventor]; Njoroge, P. George [Inventor]; Ganguly, Ashit K. [Inventor]; Brunck, Terence K. [Inventor]; Kemp, Scott Jeffrey [Inventor]; Levy, Odile Esther [Inventor]; Lim-Wilby, Marguerita [Inventor]. Parsippany, NJ, USA. ASSIGNEE: Schering Corporation; Dendreon Corporation. Patent Info.: US 6800434 October 05, 2004. Official Gazette of the United States Patent

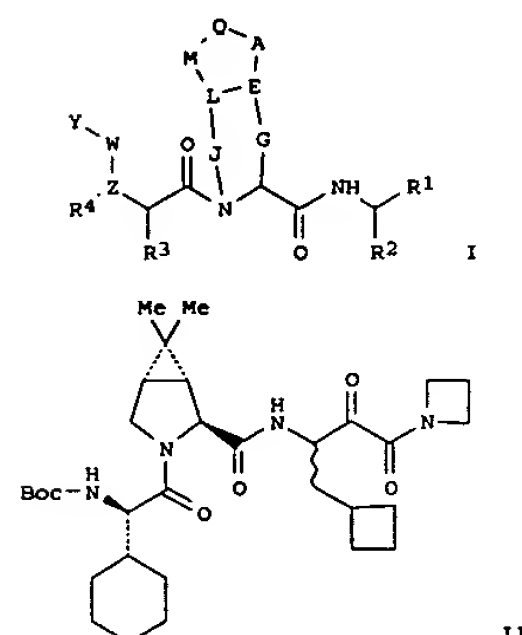
and Trademark Office Patents, (Oct 5 2004) Vol. 1287, No. 1. <http://www.uspto.gov/web/menu/patdata.html>. e-file. ISSN: 0098-1133 (ISSN print). Language: English.

AB The present invention discloses novel peptide compounds which have HCV protease inhibitory activity as well as methods for preparing such compounds. In another embodiment, the invention discloses pharmaceutical compositions comprising such peptides as well as methods of using them to treat disorders associated with the HCV protease.

L20 ANSWER 2 OF 5 HCAPLUS COPYRIGHT 2005 ACS on STN

2003:591172 Document No. 139:133841 Preparation of proline compounds as NS3-serine protease inhibitors for use in treatment of hepatitis C virus infection. **Arasappan, Ashok; Bennett, Frank; Bogen, Stephane L.; Chen, Kevin X.; Jao, Edwin; Liu, Yi-Tsung; Lovey, Raymond G.; Madison, Vincent S.; Nair, Latha G.; Njoroge, P. George; Saksena, Anil K.; Sannigrahi, Mousumi; Venkatraman, Srikanth; Girijavallabhan, Viyyoor M.** (Schering Corporation, USA). PCT Int. Appl. WO 2003062228 A1 20030731, 86 pp. DESIGNATED STATES: W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, HR, HU, ID, IL, IN, IS, JP, KG, KR, KZ, LC, LK, LR, LT, LU, LV, MA, MD, MG, MK, MN, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SC, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UZ, VC, VN, YU, ZA, ZM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR. (English). CODEN: PIXXD2. APPLICATION: WO 2003-US1752 20030121. PRIORITY: US 2002-PV350931 20020123.

GI



AB The invention discloses novel peptides I {Y is alkyl, alkylaryl, heteroalkyl, heteroaryl, aryl- or alkylheteroaryl, cycloalkyl, alkyloxy, alkylaryloxy, aryloxy, heteroaryloxy, heterocycloalkyloxy, cycloalkyloxy, alkylamino, arylamino, alkylarylamino, arylamino, heteroarylamino, cycloalkylamino, or heterocycloalkylamino; R1 is (un)substituted 1-aziridinyl, 1-azetidinyl, pyrrolidinyl, or piperidinyl; Z is selected from O, N, CH or CR; R, R2-R4 are H, alkyl, alkenyl, cycloalkyl, heterocycloalkyl, alkoxy, aryloxy, alkylthio, arylthio, amino, amido.

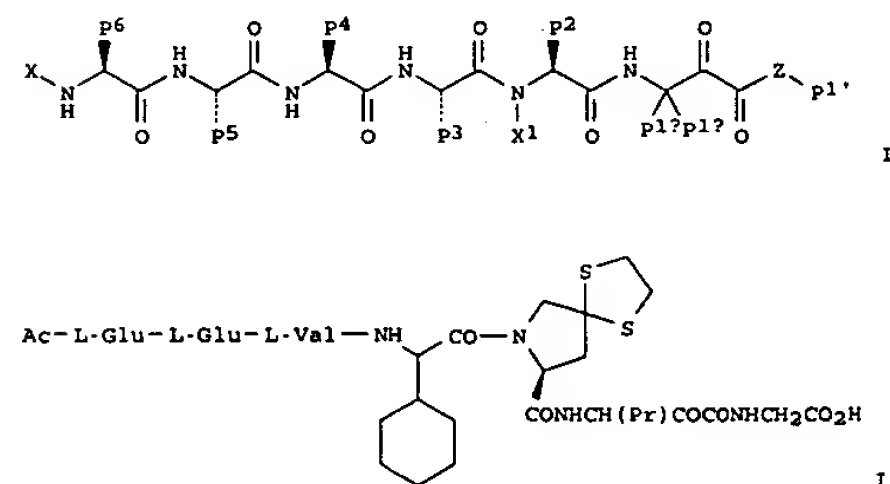
L20 ANSWER 2 OF 5 HCAPLUS COPYRIGHT 2005 ACS on STN (Continued)

ester, carboxylic acid, carbamate, urea, ketone, aldehyde, cyano, nitro, halo, (cycloalkyl)alkyl, or (heterocycloalkyl)alkyl; W, Q, G, J, L, M independently may be present or absent; W is CO, CS, C(N-CN), or SO2; Q is CH, N, P, alkylidene, O, NR, S, or SO2; A is O, CH, alkylidene, NR, S, SO2, or a bond; E is CH, N, alkylidene, or a double bond; G is alkylidene; J is alkylidene, SO2, NH, NR, or O; L is CH, CR, O, S, or NR; M is O, NR, S, SO2, or alkylidene (with provisos) which have HCV protease inhibitory activity as well as methods for prep. such compds. In another embodiment, the invention discloses pharmaceutical compns. comprising such compds. as well as methods of using them to treat disorders assocd. with the HCV protease. Thus, peptide II (Boc = tert-butoxycarbonyl) was prepd. and showed $K_i < 5 \mu M$ for inhibition of HCV serine protease.

L20 ANSWER 3 OF 5 HCAPLUS COPYRIGHT 2005 ACS on STN

2002:90074 Document No. 136:151440 Preparation of novel peptides as NS3-serine protease inhibitors of hepatitis C virus. **Saksena, Anil K.; Girijavallabhan, Viyyoor Moopil; Lovey, Raymond G.; Jao, Edwin E.; Bennett, Frank; McCormick, Jinping; Wang, Haiyan; Pike, Russell E.; Bogen, Stephane L.; Liu, Yi-Tsung; Arasappan, Ashok; Parekh, Tejal; Pinto, Patrick A.; Njoroge, P. George; Ganguly, Ashit K.; Brunck, Terence K.; Kemp, Scott Jeffrey; Levy, Odile Esther; Lim-Wilby, Marguerita** (Schering Corporation, USA; Corvas International, Inc.). PCT Int. Appl. WO 200208256 A2 20020131, 197 pp. DESIGNATED STATES: W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, HR, HU, ID, IL, IN, IS, JP, KG, KR, KZ, LC, LK, LR, LT, LU, LV, MA, MD, MG, MK, MN, MX, MZ, NO, NZ, PL, PT, RO, RU, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UZ, VN, YU, ZA, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR. (English). CODEN: PIXXD2. APPLICATION: WO 2001-US22826 20010719. PRIORITY: US 2000-PV220109 20000721.

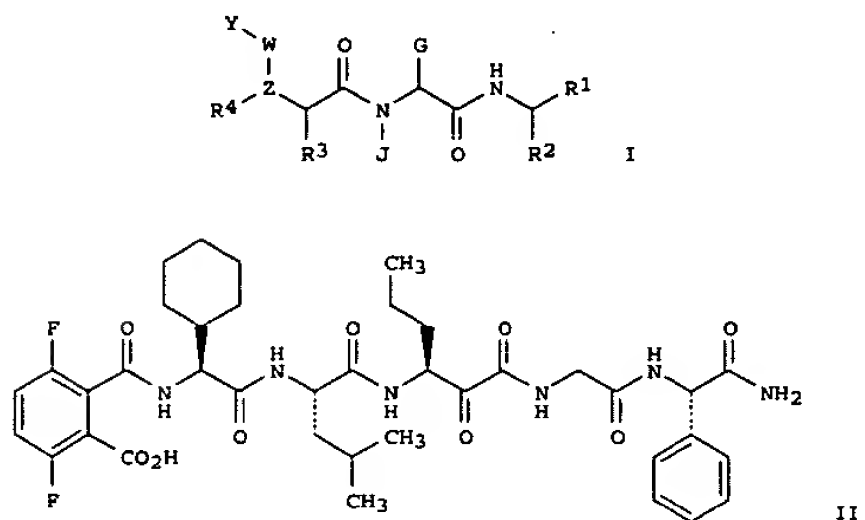
GI



AB Novel peptides I [Z = O, NH or substituted imino; X = (un)substituted alkylsulfonyl, heterocyclalsulfonyl, heterocyclalkylsulfonyl, arylsulfonyl, heteroarylsulfonyl, alkylcarbonyl, heterocyclcarbonyl, heterocyclalkylcarbonyl, arylcarbonyl, heteroarylcabonyl, alkoxy carbonyl, heterocyclloxy carbonyl, aryloxy carbonyl, heteroaryloxy carbonyl, alkyaminocarbonyl, heterocyclaminocarbonyl, arylaminocarbonyl, or heteroarylamino carbonyl; X1 = H, alkyl, arylmethyl; P1a, P1b, P2-P6 = H, (un)substituted alkyl, alkenyl, cycloalkyl, heterocyclyl, cycloalkylalkyl, heterocyclalkyl, aryl, heteroaryl, arylalkyl, or heteroarylalkyl; P1a and P1b may optionally be joined to each other to form a spirocyclic or spiroheterocyclic ring containing 0-6 oxygen, nitrogen, sulfur, or phosphorus atoms; P1' = H, (un)substituted alkyl, alkenyl, alkynyl, cycloalkyl, cycloalkylalkyl, heterocyclyl,

L20 ANSWER 3 OF 5 HCAPLUS COPYRIGHT 2005 ACS on STN (Continued)
heterocyclalkyl, aryl, arylalkyl, heteroaryl, or heteroarylalkyl]
having
HCV protease inhibitory activity are disclosed. Thus, peptide II was
prepd. via peptide coupling in soln. and showed $K_i = 1-100$ nM for
inhibition of HCV protease.

L20 ANSWER 4 OF 5 HCAPLUS COPYRIGHT 2005 ACS on STN
2002:90007 Document No. 136:151439 Preparation of novel peptides as
NS3-serine protease inhibitors of
hepatitis C virus. Sakseena, Anil K.; Girijavallabhan, Viyyoor
Moopil; Bogen, Stephane L.; Lovey, Raymond G.; Jao, Edwin E.; Bennett,
Frank; McCormick, Jinping L.; Wang, Haiyan; Pike, Russell E.; Liu,
Yi-Tsung; Chan, Tin-Yau; Zhu, Zhaoning; Arasappan, Ashok; Chen, Kevin X.;
Venkatraman, Srikanth; Parekh, Tejal N.; Pinto, Patrick A.; Santhanam,
Bama; Njoroge, P. George; Ganguly, Ashit K.; Vaccaro, Henry A.; Kemp,
Scott Jeffrey; Levy, Odile Esther; Lim-Wilby, Marguerita; Tamura, Susan
Y.
(Schering Corporation, USA; Corvas International, Inc.). PCT Int. Appl.
WO 2002008187 A1 20020131, 188 pp. DESIGNATED STATES: W: AE, AG, AL,
AM,
AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CZ, DE, DK, DM,
DZ, EC, EE, ES, FI, GB, GD, GE, HR, HU, ID, IL, IN, IS, JP, KG, KR, KZ,
LC, LK, LR, LT, LU, LV, MA, MD, MG, MK, MN, MX, MZ, NO, NZ, PL, PT, RO,
RU, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UZ, VN, YU, ZA, AM, AZ,
BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY,
DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE,
SN, TD, TG, TR. (English). CODEN: PIXXD2. APPLICATION: WO 2001-US22813
20010719. PRIORITY: US 2000-PV220107 20000721.
GI



AB Novel peptides I [G, J, Y = independently H, alkyl, alkyl-aryl,
heteroalkyl, heteroaryl, aryl-heteroaryl, alkyl-heteroaryl, cycloalkyl,
alkoxy, alkyl-aryloxy, aryloxy, heteroaryloxy, heterocycloalkyloxy,
cycloalkyloxy, alkylamino, arylamino, alkyl-arylamino, arylamino,
heteroarylamino, cycloalkylamino, and heterocycloalkylamino; Z = O, N,
CH;
W = null, CO, CS, SO2; R1 = COR5, B(OR)2; R5 = H, OH, OR8, NR9R10, CF3,
C2F5, C3F7, CF2R6, R6, COR7; R7 = H, OH, OR8, CHR9R10, NR9R10; R6, R8-10
= independently H, alkyl, aryl, heteroalkyl, cycloalkyl, arylalkyl, peptide

L20 ANSWER 4 OF 5 HCAPLUS COPYRIGHT 2005 ACS on STN (Continued)
deriv., etc.; R, R2-4 = independently H, alkyl, alkenyl, cycloalkyl,
heterocycloalkyl, alkoxy, aryloxy, alkylthio, arylthio, amino, amido,
ester, carboxylic acid, carbamate, etc.) and their pharmaceutically salts
which have hepatitis C virus (HCV) protease inhibitory activity were
prepd. via soln. or solid-phase peptide coupling methods. Thus, peptide
II was prepd. using solid-phase methods and showed a K_i value in the
range
of 0-100 nM for HCV protease inhibitory activity. This invention also
discloses pharmaceutical compns. comprising such compds. as well as
methods of using them to treat disorders assocd. with the HCV protease.

L20 ANSWER 5 OF 5 HCAPLUS COPYRIGHT 2005 ACS on STN
2001:763001 Document No. 135:318715 Preparation of macrocyclic NS3
-serine protease inhibitors of hepatitis C
virus comprising n-cyclic p2 moieties. Chen, Kevin X.; Arasappan, Ashok;
Venkatraman, Srikanth; Parekh, Tejal N.; Gu, Haining; Njoroge, P. George;
Girijavallabhan, Viyyoor M.; Ganguly, Ashit; Sakseena, Anil; Jao,
Edwin; Yao, Nanhua H.; Prongay, Andrew J.; Madison, Vincent S.;
Vibulbhan,
Banacha (Schering Corporation, USA). PCT Int. Appl. WO 2001077113 A2
20011018, 402 pp. DESIGNATED STATES: W: AE, AG, AL, AM, AT, AU, AZ, BA,
BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CZ, DE, DK, DM, DZ, EE, ES, FI,
GB, GD, GE, HR, HU, ID, IL, IN, IS, JP, KG, KR, KZ, LC, LK, LR, LT, LU,
LV, MA, MD, MG, MK, MN, MX, MZ, NO, NZ, PL, PT, RO, RU, SE, SG, SI, SK,
SL, TJ, TM, TR, TT, TZ, UA, UZ, VN, YU, ZA, AM, AZ, BY, KG, KZ, MD, RU,
TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR,
GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR.
(English). CODEN: PIXXD2. APPLICATION: WO 2001-US10869 20010403.
PRIORITY: US 2000-PV194607 20000405.
GI

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB Title compds. I [wherein X and Y = independently (cyclo)alkyl,
heteroalkyl, (aryl)heteroaryl, alkyl(hetero)aryl, substituted ether,
sulfide, sulfone, amide, sulfonamide, urea, carbamate, hydrazide,
carbonyl, etc.; R1 = CHO, acyl, or (un)substituted carboxy, carbamoyl,
boryl, etc.; Z = O, N, or CH, W = null or CO, CS, or SO2; Q = null or CH,
N, P, (CH2)p, (CHR)p, (CRR')p, O, NR, S, or SO2; A = O, CH2, (CHR)p,
(CHRCHR')p, (CRR')p, NR, S, SO2, or a bond; E = CH, N, CR, or a double
bond toward A, L, or G; G = null or (CH2)p, (CHR)p, or (CRR')p; J = null
or CH, CR, O, S, or NR; M = null or O, NR, S, SO2, *(CH2)p, (CHR)p,
(CHRCHR')p, or (CRR')p; p = 0-6; R, R', R2, R3, and R4 = independently H,
(cyclo)alkyl, alkenyl, heterocycloalkyl, alkoxy, aryloxy, alkylthio,
arylthio, amino, amido, ester, carboxylic acid, carbamate, urea, ketone,
CHO, CN, NO2, O, N, S, P, etc.] were prepared as hepatitis C virus (HCV)
protease inhibitors. For example, II (multi-step preparation given) was
cyclized, deesterified, and coupled with III-HCl (preparation given) to
give the macrocyclic hydroxyamide intermediate. Oxidation using
Des-Martin
reagent followed by flash chromatog. afforded two diastereomers IV in 82%
combined yield. The (S)-isomer inhibited NS3-serine protease
HeLa/Huh7 co-transfected cells with a K_i of 2 μ M. The invention also
discloses pharmaceutical compns. comprising I as well as methods of using
them to treat disorders associated with the HCV protease.

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